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Result
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Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Run on:
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                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       nucleic search, using sw model
                                                                                                                                                                                                                                                                                                                                                                         derived by analysis of the total score distribution.
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1: /cgn2_6/ptodata/2/pubpna/DcT_NEW_PUB.seq:*

2: /cgn2_6/ptodata/2/pubpna/DcT_NEW_PUB.seq:*

3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*

4: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*

5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*

6: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*

7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*

9: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*

10: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*

11: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*

12: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*

13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*

14: /cgn2_6/ptodata/2/pubpna/US10R_PUBCOMB.seq:*

15: /cgn2_6/ptodata/2/pubpna/US10R_PUBCOMB.seq:*

16: /cgn2_6/ptodata/2/pubpna/US10R_PUBCOMB.seq:*

16: /cgn2_6/ptodata/2/pubpna/US10R_PUBCOMB.seq:*

16: /cgn2_6/ptodata/2/pubpna/US10R_PUB.seq:*

17: /cgn2_6/ptodata/2/pubpna/US10R_PUB.seq:*

16: /cgn2_6/ptodata/2/pubpna/US10R_PUB.seq:*

17: /cgn2_6/ptodata/2/pubpna/US10R_PUB.seq:*
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Match
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US-09-938-842A-64
US-10-199-672-591
US-10-194-457-591
US-10-194-457-591
US-10-052-586-591
US-10-176-788-591
US-10-175-737-591
US-10-173-706-591
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US-10-175-732-591
US-10-175-732-591
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1, Appli
31, Appli
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61, Appl
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## ALIGNMENTS

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NUMBER OF SEQ ID NOS: 3

SEQ ID NO 1

LENGTH: 600

TYPE: DNA
ORGANISM: Bifidobacterium longum
FEATURE:
NAME/KEY: CDS
LOCATION: (193)..(471)
US-09-816-391A-1
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Best Local :
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                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SASAKI, Takayuki
TITLE OF INVENTION: Anaerobic bacterium as a drug for cancer gene therapy
FILE REFERENCE: 2001-WAC/01736
CURRENT APPLICATION NUMBER: US/09/816,391A
CURRENT FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP 00/287688
PRIOR FILING DATE: 2000-09-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: FUJIMORI, Minoru
APPLICANT: TANIGUCHI, Shunichiro
APPLICANT: AMANO, Jun
APPLICANT: YAZAWA, Kazuyuki
APPLICANT: KANO, Yasunobu
APPLICANT: NAKAMURA, Toshiyuki
                                                                                                                                         y Match 100.0%; Score 129; DB 9; Local Similarity 100.0%; Pred. No. 1.1e-37; hes 129; Conservative 0; Mismatches 0;
Length 600;
                                                                                                                                            Indels
                                                                                                                                          0;
                                                                                                                                         Gaps
                                                                     531
                                                                                                          60
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SEQ ID NO 31
LENGTH: 936
TYPE: DNA
ORCANISM: Archaeoglobus fulgidus
S-09-903-410-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                          Sequence 31, Application US/10027805 Publication No. US20020164725A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                10-027-805-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 09/382,242
PRIOR FILING DATE: 1999-08-24
PRIOR APPLICATION NUMBER: US 08/602,359
PRIOR FILING DATE: 1996-02-16
NUMBER OF SEQ ID NOS: 42
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TITLE OF INVENTION: ENZYMES HAVING ESTERASE ACTIVITY AND METHODS OF USE THEREOF
FILE REFERENCE: DIVER1180-2
CURRENT APPLICATION NUMBER: US/09/903,410
CURRENT FILING DATE: 2001-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: DIVERSA CORPORATION
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & RICHARDSON P.C.
STREET: 4225 EXECUTIVE SQUARE, STE 1400
CITY: LA JOLLA
                                                                                                                                                                    KOSMOTKA, Anna
TITLE OF INVENTION: ESTERASES
NUMBER OF SEQUENCES: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          718 GACCTTGAGAACCTACCTCCTGCGCTGATCATAACCGCCGAATACGACCCGCTGAGAGAT 777
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GAAGGAGAAGTTTTCGGGCAGATGCTGAGAAGAG 811
                                     ZIP:
                                                       COUNTRY: USA
                                                                         STATE: CALIFORNIA
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SWANSON, Ronald
WARREN, Patrick
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                                       92037
                                                                                                                                                                                                                    SWANSON, Ronald V. WARREN, Patrick V.
                                                                                                                                                                                                                                                                                                                                          ROBERTSON, Daniel E.
                                                                                                                                                                                                                                                                                   MAFFIA, Anthony
                                                                                                                                                                                                                                                                                                     REID, John
                                                                                                                                                                                                                                                                                                                         MURPHY, Dennis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     22.0%;
                                                                                                                                                                                                                                                                 Steven
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 28.4; D
Pred. No. 2.3;
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RESULT 4
US-10-027-804-31
; Sequence 31, Application US/10027804
; Publication No. US20030054530A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: LINEAR
; MOLECULE TYPE: GENOMIC DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-10-027-805-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 619-678-5099
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
               COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/10/027,804
FILING DATE: 21-Dec-2001
CLASSIFICATION: 4URKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Match 22.0%;
Local Similarity 56.4%;
                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & RICHARDSON P.C.
STREET: 4225 EXECUTIVE SQUARE, STE 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: HAILE, LISA A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-678-5070
                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/10/027,805
FILING DATE: 21-Dec-2001
CLASSIFICATION: CUNKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 6.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                     KOSMOTKA, Anna
TITLE OF INVENTION: ESTERASES
NUMBER OF SEQUENCES: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/602,359 FILING DATE: <Unknown> ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ROBERTSON, Daniel E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    778 GAAGGAGAAGTTTTCGGGCAGATGCTGAGAAGAG 811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                718 GACCTTGAGAACCTACCTCCTGCGCTGATCATAACCGCCGAATACGACCCGCTGAGAGAT 777
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ZIP: 92037
                                                                                                                                                                                                                                                                                         CITY: LA JOLLA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: NUCLEIC ACID
STRANDEDNESS: SING
APPLICATION NUMBER: 08/602,359
                                                                                                                                                                                                                                                                      STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 936 NUCLEOTIDES
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REID, John
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<Unknown>

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RESULT 6
US-10-199-672-591/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 64, Application US/09938842A
Patent No. US20020160378A1
GENERAL INFORMATION:
APPLICANT: Harper, Jeff
APPLICANT: Kreps, Joel
APPLICANT: VS-C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 64
                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wang, Xun
APPLICANT: Zhu, Tong
TITLE OP INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
TITLE OP INVENTION: SAME, AND METHODS OF USE
TITLE REFERENCE: SCRIP1300-3
CURRENT APPLICATION NUMBER: US/09/38,842A
CURRENT FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: US 60/227,866
PRIOR FILING DATE: 2000-08-24
PRIOR FILING DATE: 2000-08-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -09-938-842A-64
                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/264,647 PRIOR FILING DATE: 2001-01-16 PRIOR APPLICATION NUMBER: US 60/300,111 PRIOR FILING DATE: 2001-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 5379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 31: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                LENGTH: 2451
TYPE: DNA
ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: LINEAR MOLECULE TYPE: GENOMIC DNA SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              718 GACCTTGAGAACCTACCTCCTGCGCTGATCATAACCGCCGAATACGACCCGCTGAGAGAT 777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  778 GAAGGAGAAGTTTTCGGGCAGATGCTGAGAAGAG 811
                                                                                                                                                                          53;
                                                                                                                 75 TIGTTGTGGTGTGACGTGTTGTCCAACCGTATTATTCCGGACTAGTT 124
                                                                                                                                                                                                                                                                                                                                                                           2451
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                                                                                                                                                        TGGCTCCTCGTGCAAGGATTGCTGTTTACAAAGCTCTCTACCGACTTTTTGGAGGCTTTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: NUCLEIC ACID STRANDEDNESS: SINGLE
                                                                             TAGCTGATGTGGTGGCTGCCATTGATCAGGCTGTTCATGATGGAGTAGAT 900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH: 936 NUCLEOTIDES
                                                                                                                                                                                                                                     Conservative
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56.4%;
                                                                                                                                                                                                                                                       22.0%;
53.6%;
                                                                                                                                                                                                                                                       Score 28.4; DI
Pred. No. 3.2;
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 591
LENGTH: 2037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local (
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                                                                                                                                                                                             Sequence 591, Application US/10187749 publication No. US20030153036A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/199,672
CURRENT ETLING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: US/10/052,586
PRIOR FILING DATE: 2002-01-15
PRIOR FILING DATE: 2002-01-15
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                                                                                                          APPLICANT:
                                                                                                                               APPLICANT:
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                                                                                                                                                 APPLICANT: Baker, Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/063541 FILING DATE: 1997-10-28 APPLICATION NUMBER: 60/063544
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APPLICATION NUMBER: 60/062250
FILING DATE: 1997-10-17
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FILING DATE: 1997-10-24
APPLICATION NUMBER: 60/063486
FILING DATE: 1997-10-21
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FILING DATE: 1997-10-24
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                                                                                                                                                                                                                                                                                                                                                                                                                         1335 AAAAGACCATCATCTACATTGTCAGGGTCACTATAATCTGTTGCTGACTGTGGTTTCCC
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                                                                                                                                                                                                                                                                                                                                                           102 AACCGTATTATTCCGGACTAGTTCAGC 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     42 ACAAAGACCCCGACCGAGATGGTCGGGGGTCTTTTTGTTGTGGTGCTGTGACGTGTTGTCC 101
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50; Conservative
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Smith, Victoria
                                       Gurney, Austin L.
                                                              Goddard, Audrey
Godowski, Paul
                                                                                                        Desnoyers, Luc
                                                                                                                               Chen, Jian
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Wood,William I.
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Pred. No. 5.1;
0; Mismatches 37;
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Watanabe, Colin K.

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Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 591
LENGTH: 2037
TYPE: DNA
ORGANISM: Homo Sapien
S-10-187-749-591
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                     CURRENT APPLICATION NUMBER: US/10/194,457
CURRENT FILING DATE: 2002-07-11
PRIOR APPLICATION NUMBER: 10/052586
PRIOR FILING DATE: 2002-01-15
                                                                                                      TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REPERENCE: P3430R1C296
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CURRENT FILING DATE: 2002-07-01
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APPLICATION NUMBER: 60/059266
FILING DATE: 1997-09-18
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APPLICATION NUMBER: 60/059263
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                                                                                                                                                                             Zhang, Zemin
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Goddard, Audrey
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                                                                                                                                                                                                                        Smith, Victoria Watanabe, Colin K.
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57.5%;
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Pred. No. 5
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US-10-052-586-591/c
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US-10-194-457-591
                                                                                                                                                            FILE REFERENCE: P3430RIC1
CURRENT APPLICATION NUMBER: U5/10/052,586
CURRENT FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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PRIOR APPLICATION NUMBER: 60/66250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR PILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063121
PRIOR APPLICATION NUMBER: 60/063121
PRIOR FILING DATE: 1997-10-24
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LENGTH: 2037
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PRIOR FILING DATE: 1997-10-28
Prior Application data removed - See File Wrapper or PALM.
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PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063541
PRIOR FILING DATE: 1997-10-28
PRIOR FILING DATE: 1997-10-28
                                                                   PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION UNMBER: 60/063121
PRIOR FILING DATE: 1997-10-24
                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
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                                                  APPLICATION NUMBER: 60/063486
FILING DATE: 1997-10-21 APPLICATION NUMBER: 60/063540
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NUMBER: 60	1998-06-10	1998-06-1	NUMBER: 60	1998-06-	1998-06-10	NUMBER: 60	: 1998-06-10	8-06-10 8-06-10	NUMBER: 60	1998-06-09	1998-06-04	NUMBER: 6	1998-06-05	09 - 838MIN	NUMBER: 60	: 1998-06-05	1998-06-05	NUMBER:	. 1998-06-	1998-06-04	NUMBER: 6	NUMBER: 6	1998-06-04	NUMBER: 6	NUMBER: 6	NUMBER: 60	1998-06-02	1998-05-28	NUMBER	NUMBER: 60	NUMBER: 60/086486 : 1998-05-22	1998-05-22	1998-05-18	NUMBER: 60	NUMBER: 6	NUMBER: 60/085582	1998-05-15	1998-	NUMBER: 6	NUMBER: 60/085573	1998-05-07	1998-05-07	NUMBER:	NUMBER: 6	: 1998-05-06	1998-05-05	NUMBER: 60	1998-04-29

OR APPLICATION NUMBER: 60/069425
OR FILING DATE: 1997-12-12
OR APPLICATION NUMBER: 60/069870
OR FILING DATE: 1997-12-17
OR PILING DATE: 1997-12-17
OR PILING DATE: 1997-12-18
OR APPLICATION NUMBER: 60/07450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/078686
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/078886
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078939
OR APPLICATION NUMBER: 60/079664

DR APPLICATION NUMBER: 60/065311
DR FILING DATE: 1997-11-13
DR APPLICATION NUMBER: 60/066120
DR FILING DATE: 1997-11-21
DR APPLICATION NUMBER: 60/066466
DR FILING DATE: 1997-11-24
DR APPLICATION NUMBER: 60/066772
DR FILING DATE: 1997-11-24
DR APPLICATION NUMBER: 60/069335
DR FILING DATE: 1997-12-11
DR FILING DATE: 1997-12-11

DR APPLICATION NUMBER: 60/63734

BR FILLING DATE: 1997-10-29

DR APPLICATION NUMBER: 60/063870

DR FILLING DATE: 1997-10-31

DR APPLICATION NUMBER: 60/064103

DR APPLICATION NUMBER: 60/064103

APPLICATION NUMBER: 60/063541 FILING DATE: 1997-10-28 APPLICATION NUMBER: 60/063544 FILING DATE: 1997-10-28 APPLICATION NUMBER: 60/063564

FILING DATE: 1997-10-28

EXAMPLICATION NUMBER: 60/079786

PREFLING DATE: 1998-03-27

PREFLIGATION NUMBER: 60/080107

PREFLIGATION NUMBER: 60/080107

PREFLICATION NUMBER: 60/080194

PREFLICATION NUMBER: 60/080194

PREFLICATION NUMBER: 60/080327

PREFLICATION NUMBER: 60/08033

PREFLICATION NUMBER: 60/081049

PREFLICATION NUMBER: 60/081049

PREFLICATION NUMBER: 60/081070

PREFLICATION NUMBER: 60/081195

PREFLICATION NUMBER: 60/081195

PREFLICATION NUMBER: 60/081638

PREFLICATION NUMBER: 60/082568

PREFLICATION NUMBER: 60/082569

PREFLICATION NUMBER: 60/082704

PREFLICATION NUMBER: 60/082797

PREFLICATION NUMBER: 60/08322

PREFLICATION NUMBER: 60/08322

PREFLICATION NUMBER: 60/083495

NUMBER: 60/083499

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Prior application removed -
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 591
LENGTH: 2037
TYPE: DNA
ORGANISM: Homo Sapien
S-10-174-590-591
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S-10-174-590-591/c
                                                                                                                            Best Local Similarity 57.5 Matches 50; Conservative
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Best Local
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                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/174,590 CURRENT FILING DATE: 2002-06-18
                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3430R1C42
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DR FILING DATE: 1998-06-16
DR APPLICATION NUMBER: 60/089514
DR FILING DATE: 1998-06-16
DR APPLICATION NUMBER: 60/089538
DR FILING DATE: 1998-06-17
DR APPLICATION NUMBER: 60/089598
DR FILING DATE: 1998-06-17
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FILING DATE: 1998-06-17
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FILING DATE: 1998-06-11
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FILING DATE: 1998-06-12
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FILING DATE: 1998-06-12
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50; Conservative
AACCGTATTATTCCGGACTAGTTCAGC 128
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Watanabe, Colin K.
Wood, William I.
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Godowski, Paul J.
Gurney, Austin L.
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                                                                                                                        Score 27.8; DB 14;
Pred. No. 5.1;
0; Mismatches 37;
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Pred. No. 5.
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Prior Application removed -
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 591
LENGTH: 2037
TYPE: DNA
ORGANISM: Homo Sapien
US-10-176-758-591
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US-10-175-737-591/c
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                                 CURRENT APPLICATION NUMBER: US/10/175,737
CURRENT FILING DATE: 2002-06-19
Prior Application removed - See File Wrap;
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 591
LENGTH: 2037
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/176,758
CURRENT FILING DATE: 2002-06-21
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                                                                                                                                                    FILE REFERENCE: P3430R1C50
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ORGANISM: Homo Sapien
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Gurney, Austin L.
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o. US20030013153A1
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57.5%;
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RESULT 14
US-10-175-738-591/c
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US-10-173-706-591
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US-10-173-706-591/c
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Best Local
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SEQ ID NO 591
                                                                                                                                                                    Sequence 591, Application US/10175738 Publication No. US20030022294A1 GENERAL INFORMATION:
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CURRENT FILING DATE: 2002-06-17
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
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                                                                                                                                    APPLICANT: Baker, Kevin P. APPLICANT: Chen, Jian
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Godowski, Paul J.
Gurney, Austin L.
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Goddard, Audrey
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                                                                 Godowski, Paul J. Gurney, Austin L.
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US-10-175-752-591/c
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Search completed: August 25, Job time : 50.5831 secs
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; NUMBER OF SEQ ID NO
; SEQ ID NO 591
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/175,738
CURRENT FILING DATE: 2002-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/175,752
CURRENT FILING DATE: 2002-06-19
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/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/Packfiles1.seq:*
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US-09-211-017B-174
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                              Sequence 2602, Ap
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ULT 2 09-252-991A-2241 atent No. 6551795 ENERAL INFORMATION: APPLICANT: MAIC J. RU TITLE OF INVENTION: A TITLE OF INVENTION: A FILE REFERENCE: 10719 CURRENT APPLICATION NU CURRENT FILING DATE: PRIOR APPLICATION NUMB PRIOR FILING DATE: 19 PRIOR FILING DATE: 19 PRIOR FILING DATE: 19	mila, Cor Coac,      Coar CCaac	RESULT 1 US-09-252-991A-2602/c IS Sequence 2602, Applicat Patent No. 6551795 IGENERAL INFORMATION: APPLICANT: MATC J. RU TITLE OF INVENTION: A FILE REFERENCE: 10719 CURRENT FILING DATE: PRIOR APPLICATION NUMB PRIOR APPLICATION NUMB PRIOR FILING DATE: 19 PRIOR FILI	18 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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-991A-2241  NO. 6521795 ANT: MAIC J. Rubenfie OF INVENTION: NUCLEIC OF INVENTION: AUGUSTO OF TOWN TON ACRUGIN THE APPLICATION NUMBER: THE APPLICATION NUMBER: UNFILING DATE: 1998-02-APPLICATION NUMBER: UPSILING DATE: 1998-02-APPLICATION NUMBER: UPSILING DATE: 1998-07-FILING DATE: 19	Similarity 57.  Similarity 57.  Some reative 9 ACGACAAAGACCCCG	-991A-2602/c e 2602, Application U. NO. 6551795 INFORMATION: NUCLEID OF INVENTION: NUCLEID OF INVENTION: ARRUGI EFERENCE: 107196.136 TRAPPLICATION NUMBER: TFILING DATE: 1999- APPLICATION NUMBER: FILING DATE: 1998-07 FILING DATE: 3314 NO 2602 H: 1146 UNA UNDER: 3146 UNA UNDER: 3314 UNDER: 33	799 799 799 942 4067 612 612 613 2814 4670 801 1269 2001 11830121 1830121 1830121 1830121 1830121 1092
-991A-2241  NO. 651795  ANT: MATC J. Rubenfield e OF INVENTION: NUCLEIC ACT OF INVENTION: AERUGINOSA EFFERNCE: 107196.136  TT APPLICATION NUMBER: US/C T APPLICATION NUMBER: US/C T APPLICATION NUMBER: US/C T FILING DATE: 1998-02-18  APPLICATION NUMBER: US 60 FILING DATE: 1998-07-27  FILING DATE: 1998-07-27	imilarity 57.1%; Pred. No. 0; Conservative 0; Mismatch acgacaaaagaccccgacccaagarggrcgagggarder	, M NIGIGO 200 R	HHU44444444
US/09252991A Held et al. IIIC ACID AND IIIC AFOR DI 6 1: US/09/252 1: US/09/252 2: US 60/074,7 12-18 US 60/094,1	pred. 0; Mis GAGATGGT	709252991A Lid et al. ACID AND AMIN IOSA FOR DIAGNO US/09/252,991A 12-18 12-18 15-60/074,788 18 18 18 18 18 18 18 18 19 19 10 27	US-08-173-510B-100 US-08-458-218-98 US-08-450-497-100 US-09-144-001C-2784 US-09-252-991A-2454 US-09-252-991A-2382 US-09-252-991A-2337 US-09-252-991A-5148 US-09-252-991A-5180 US-09-252-991A-5180 US-09-252-991A-11024 US-09-252-991A-11024 US-09-252-991A-11024 US-09-252-991A-11024 US-09-252-991A-11024 US-09-252-991A-11024 US-09-252-991A-11024 US-09-252-991A-11024 US-09-252-991A-11024
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UENCES RELATING THERAPEUTICS	INLIARITY 57.1%; Pred. No. 0.61; CONSERVATIVE 0; Mismatches 39; Indels 0; Gaps ACGACAAAGACCCCGACCGACGATGGTCGGGGTCTTTTTGTTGTGGGTGCTGTGACGTGTTG ACGATCAAGACCCTGGCCGAACTCGGGGTGATCTTCCTGATGTTCTGCCTCGGCCTGGAG TCCAACCGTATTATTCCGGACTAGTTCAGCG 129 [	THERAPEUTICS	Sequence
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S-09-252-991A-2241
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LENGTH: 2184
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Patent No. 6551795
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                                                                                                                                                                                                                                              Sequence 31, Application US/08602359A
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PRIOR APPLICATION NUMBER: US 6
PRIOR APPLICATION NUMBER: 1988-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18 PRIOR APPLICATION NUMBER: US 60/074,788
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH: 2868
                                                                                                                                                                         APPLICANT:
                                  CORRESPONDENCE
                                                  NUMBER OF SEQUENCES:
                                                                       TITLE OF INVENTION:
                                                                                                                                                          PPLICANT
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mes 52; Conservative
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 STREET:
                  ADDRESSEE:
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RVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS IVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS INCE: 107196.136
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4225 EXECUTIVE SQUARE, STE 1400
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                                                                                                                                                       MAFFIA, Anthony
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                                                                                     KOSMOTKA,
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                  FISH & RICHARDSON P.C
                                                                                                                                   Steven
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Pred. No. 0.8;
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                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application Patent No. 6552177
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INC
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS
                                                                                     SOPTWARE: Word for Windows version 2.0 converted to SOPTWARE: an ASCI file CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 2
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ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: HAILE, LISA A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09
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                                                    FILING DATE
                                                                                                                                      OPERATING SYSTEM: MS DOS version 6.2, OPERATING SYSTEM: Windows version 3.11
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                                                                      APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                Mark M. Friedman c/o Anthony Castorina
01 Jefferson Davis Highway, Suite 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  February 16, 1996
                                                                                                                                                                                          1.44 megabyte, 3.5" microdis)
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Matches
Query Match
Best Local Similarity
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                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: S11'4, RODIO M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-63610
TELECOMMUNICATION INFORMATION:
                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 907 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy
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TELECOMMUNICATION INFORMATION: 972-3-5625553
                                                       TOPOLOGY: ur
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: NINJURIN
NUMBER OF SEQUENCES: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                    STRANDEDNESS:
                                                                                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                              FILING DATE: 24
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: double
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                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                           California
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                                                                                                                                                                                                                                                                                                                                                                  Floppy disk
                                                         DNA (genomic)
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Pred. No. 11;
   Score 26.2; DB 3; Pred. No. 4.2;
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US-08-672-850-11/c
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                                                                                                               RESULT
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                                                            Sequence 7, Application US/09565177A Patent No. 6559288
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Best Local :
                                              GENERAL INFORMATION:
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             APPLICANT: Milbrandt, Jeffrey APPLICANT: Araki, Toshiyuki
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TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 11
TITLE OF INVENTION: NINJURIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: S11va, Robin M.
REGISTRATION UNMBER: 38,304
REFERENCE/DOCKET NUMBER: A-
TELECOMMUNICATION INFORMATION:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 907 base pairs
TYPE: nucleic acid
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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APPLICANT: Araki, Toshiyuki
TITLE OF INVENTION: NINJURIN
                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
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Pred. No. 4.2;
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ORGANISM: Homo sapiens
IS-09-565-177A-11
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TYPE: DNA
ORGANISM: Homo sapiens
IS-09-565-177A-7
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Best Local Similarity
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PRIOR FILING DATE: 1996-07-24
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                              Matches
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SEQ ID NO 11
LENGTH: 907
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                                                                                GENERAL INFORMATION:
APPLICANT: Milbrandt, Jeffrey
APPLICANT: Araki, Toshiyuki
TITLE OF INVENTION: NINJURIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/565,177A CURRENT FILING DATE: 2000-05-03 PRIOR APPLICATION NUMBER: 08/672,850 PRIOR FILING DATE: 1996-07-24 NUMBER OF SEQ ID NOS: 33
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APPLICANT: Araki, Toshiyuki
TITLE OP INVENTION: NINUTRIN
FILE REFERENCE: A-63610-1/RFT/RMS/DCF
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CURRENT APPLICATION NUMBER: US/09/565,177A
CURRENT FILING DATE: 2000-05-03
                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Ho
                                                                   NUMBER OF SEQUENCES:
 CITY:
                   STREET:
                                                                                                                                                                                                                                                                                                                        374 GITGITGAGCTGGTTGAGT 356
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San Francisco
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                 E: Flehr, Hohbach, Test, Albritton & Herbert Four Embarcadero Center, Suite 3400
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58.2%;
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TELEPHONE: (415) 781-1989
TELEPAX: (415) 398-3349
INFORMATION FOR SEO ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 1001 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
HOLECULE TYPE: DNA (genomic)
US-08-672-850-10
                                                                                                                                                                                             ; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 1001
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-565-177A-10
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US-09-565-177A-10/c
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APPLICANT: Milbrandt, Jeffrey
APPLICANT: Araki, Toshiyuki
TITLE OF INVENTION: NINJURIN
FILE REFERENCE: A-63610-1/RFT/RMS/DCF
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 10, Application US/09565177A Patent No. 6559288
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Best Local S
                                                                                                                                 Matches
                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 33
SOFTWARE: PA+----
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                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/565,177A CURRENT FILING DATE: 2000-05-03
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TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US/08/672,850
FILING DATE: 24-UUL-1996
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               528 CCCGAAGGCTGTAATGAAAACATTGATGACCACAGTGAAGAAGAACCAAGATGGTGGCTGC 469
                                                               528 CCCGAAGGCTGTAATGAAAACATTGATGACCACAGTGAAGAAGACCAAGATGGTGGCTGC 469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                468 GTTGTTGAGCTGGTTGAGT 450
468 GTTGTTGAGCTGGTTGAGT 450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 71 CTTTTTGTTGTGGTGCTGT 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11 CTCGTAGCGATTACTTCGAGCATTACTGACGACAAAGACCCCGACGAGATGGTCGGGGGT 70
                               71 CTTTTTGTTGTGGTGCTGT 89
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             46;
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                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
                                                                                                                                              20.3%;
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                                                                                                                                 Mismatches
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                                                                                                                                              Score 26.2; Di
Pred. No. 4.4;
                                                                                                                                                            DB 4;
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US-08-804-227C-1/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LENGTH: 1074
TYPE: DNA
; ORGANISM: METHYLOMONAS SP.
US-09-934-901-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0S-09-934-901-7/c
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   sequence 7, Application US/09934901 Patent No. 6555353
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Microsoft Office 97
SEQ ID NO 7
ATTORNEY AGENT INFORMATION:

NAME: Plant, Thomas, G.

REGISTRATION UNHER: 35,784
REFERENCE/DOCKET NUMBER: X-82
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-2459
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/229,906 PRIOR FILING DATE: September 1, 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: DENITRIFYING METHANOTROPHIC BACTERIAL STRAIN FILE REFERENCE: CL1619 US NA CURRENT APPLICATION NUMBER: US/09/934,901
CURRENT FILING DATE: 2001-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Koffas, Mattheos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     quence 1, Application US/08804227C tent No. 5876991
                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: THOMAS G. PLANT 1501
STREET: LILLY CORPORATE CENTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                   SOFTWARE: ASCI(DOS) Text only CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                               TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                            APPLICATION NUMBER: US/08/804,227C FILING DATE: February 21, 1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                          OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          670 TGCCGAAAGAAGCCGCAATCGTGAAGTTAGGGCTGATTTTGCTCAGGTGCTCATACGCGT 611
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No. 6555353ton, Kelley C.
Ye, Rick
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DeHoff, Bradley S.
Kuhstoss, Stuart A.
Rosteck, Paul R., Jr.
Sutton, Kimberly L.
                                                                                                                                                                                                                                                                                                                                   USA
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; NAME/KEY: CDS
; LOCATION: (87)..(1019)
US-09-198-092-1
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US-09-198-092-1/c
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Best Local Similarity 55.6
---- 50; Conservative
                                                                                                                                                                                                                  SEQ ID NO 1
LENGTH: 1158
TYPE: DNA
ORGANISM: Citrus unshiu
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/09198092A Patent No. 6214575
                                                                                                          Matches
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                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Omura, Mitsuo
APPLICANT: Ikoma, Yoshinori
APPLICANT: Komatsu, Atira
TITLE OF INVENTION: BETA-CAROTENE HYDROXYLASE GENE
FILE REFERENCE: 07898/033001
                                                                                                                                                                                                                                                                                  EARLIER APPLICATION NUMBER: JP97/331936
EARLIER FILING DATE: 1997-12-02
NUMBER OF SEQ ID NOS: 8
                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/198,092A
CURRENT FILING DATE: 1998-11-23
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NAME/KEY:
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                                                                                                                        Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 13202 CGCCTTCGGCCGCATGACGGTACCGATCCG 13173
                                                     111 TGGCGGCCAATAGTCCGACCGCCATGGTGGGGTTTTGTTTTGTTTTACGAGGTTTTGGGTTT
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                          97 T 97
                                                                               37 TGACGACAAAGACCCCGACCGAGATGGTCGGGGTCTTTTTTGTTGTGGTGCTGTGACGTGT 96
  51 T
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                                                                                                                        Similarity
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  51
                                                                                                          Conservative
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14351..19945
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816..14234
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31232..36067
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20010..31199
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                                                                                                                      20.0%;
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                                                                                                        Score 25.8; DB Pred. No. 6.5; 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 26;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
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                                                                                                                                   DB
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                                                                                                          Indels
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earch completed: August 25, 2003, 19:52:24
ob time : 23.7296 secs
                                                                                                                                                                                                                                                                                                                                       NAME/KEY: Coding Sequence LOCATION: 1...2259
S-08-674-887A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 619/678-5070
TELEPAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 2262 base pairs
TEPR: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ESULT 15
S-08-674-887A-5/c
                                                                                                                                                                                                                                               Query Match 20.0%;
Best Local Similarity 60.9%;
Matches 42; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/674,887A
FILING DATE: 03-7UL-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Ph.D., Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09015/002001
TELECOMMUNICATION INFORMATION:
TELECOMOUNICATION INFORMATION:
TELECOMOUNICATION INFORMATION:
TELECOMOUNICATION INFORMATION:
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APPLICANT: Robertson, Dan E.
APPLICANT: Sanyal, Indrajit
APPLICANT: Adhikari, Robert S.
TITLE OF INVENTION: CATALASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       equence 5, Application US/08674887A atent No. 5939300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: La Jolla
STATE: CA
STATE: CA
COUNTRY: US
LIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: cDNA FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
ATREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                 856 TITCGTCGT 848
                                                                                                             73 TTTTGTTGT 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                09015/002001
                                                                                                                                                                                                                                                                       Score 25.8; DB 2; Length 2262; Pred. No. 8.5;
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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                                                                                                                                                                                                                                                                                                                                                                                   Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
   seq length: 0 seq length: 2000000000
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17.3
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Match Length DB
 16.9
16.2
15.9
15.7
15.6
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'Cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9E_PUBCOMB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9E_PUBCOMB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9E_PUBCOMB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9E_PUBCOMB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
'Cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
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Copyright (c) 1993 - 2003 Compugen Ltd.
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/cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
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                                             13 US-10-027-632-167810
13 US-10-027-632-6585
11 US-09-764-891-8869
11 US-09-764-891-8869
13 US-10-027-632-10536
19 US-09-864-761-16206
19 US-09-864-761-16206
10 US-10-027-632-185956
11 US-10-027-632-26872
11 US-09-918-995-12674
12 US-10-027-632-221812
13 US-10-027-632-221812
13 US-10-027-632-221812
14 US-10-027-632-221812
15 US-09-796-692-24795
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                                      Sequence 1, Appl1
Sequence 167810,
Sequence 6585, Ap
Sequence 8869, Ap
Sequence 10536, A
Sequence 16206, A
Sequence 16956,
Sequence 270844,
Sequence 276872,
Sequence 268872,
Sequence 271811,
Sequence 271811,
Sequence 271812,
Sequence 271812,
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14.7	14.8	14.8	15.0	15.0	15.0	15.0	15.0	٠	15.0	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2		15.2	15.2		15.2		15.2	•	15.2	15.2
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US-10-238-075-413	US-09-854-883-243	US-09-974-300-3770	US-10-027-632-160356	US-10-027-632-209930	10-027	US-10-027-632-209928	US-10-027-632-209927	US-09-783-590-663	0-SD	-	US-10-106-698-1319	US-09-954-456-193		US-10-177-293-341	US-10-171-311-177			US-09-925-301-471	17	-10-3	US-10-1	SD	US-10-217-371-	us-10-217-371-	US-10-217-371-9	US-10-217-371-	US-10-217-371-13	US-10-217-371-5
Sequence 413, App	24.7	Sequence 3770 An		Seguence 200030			Seguence 200027	20.0	Tiddy /I companies	<u>.</u> ز		100,	Sequence 9861 App	2/1	177	Sequence 32 Appl	149		170	5 .	л : С	- :	7	1,	و م	Seguence 3 Appli	<u>.</u>	Sequence 5. Appli

## ALIGNMENTS

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FILE REPERBACE: 2001-WAC/01736
CURRENT APPLICATION NUMBER: US/09/816,391A
CURRENT FILING DATE: 2001-03-26
PRIOR APPLICATION UNMBER: UP 00/287688
PRIOR FILING DATE: 2000-09-21
NUMBER OF SEQ ID NOS: 3
SEQ ID NO 1
LENGTH: 600
TYPE: DNA
ORGANISM: Bifidobacterium longum
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                                                                                                                                                                                                            ; FEATURE:
; NAME/KEY: CDS
; LOCATION: (193)..(471)
US-09-816-391A-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/09816391A Patent No. US20020054865A1 GENERAL INFORMATION:
                                                                                                                                            Matches 192;
                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: AMANO, Jun
APPLICANT: YAZAWA, Kazuyuki
APPLICANT: KANO, Yasunobu
APPLICANT: NAKAMURA, Toshiyuki
APPLICANT: SASAKI, Takayuki
TITLE OF INVENTION: Anaerobic bacterium as a
FILE REFERENCE: 2001-WAC/01736
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: FUJIMORI, Minoru
APPLICANT: TANIGUCHI, Shunichiro
61 TCAATACCTTCGGGGAAATAGATGTGAAAACCCTTATAAAACGCGGGGTTTTCGCAGAAAC 120
                                                               Similarity
                                                                                                                                            Conservative
                                                                                                                                    100.0%; Score 192; DB 9;
100.0%; Pred. No. 7.2e-55;
tive 0; Mismatches 0;
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05-10-027-632-167810/c
05-10-027-632-167810, Application US/10027632
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                                                                                                                                                                                        Sequence 6585, Application US/10027632
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
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APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
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SEQ ID NO 167810
                                                CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
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PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
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PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
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ORGANISM: Human
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FILING DATE: 2000-02-24
APPLICATION NUMBER: US 60/167,363
FILING DATE: 1999-11-23
                          APPLICATION NUMBER: US 60/185,218
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-8869
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US-10-027-632-10536/c
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US-09-764-891-8869/c
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; ORGANISM: Human
US-10-027-632-6585
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Publication No. US20030077808A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
                                                                                                                                                                                                                                         Sequence 10536, Application US/10027632 GENERAL INFORMATION:
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Best Local :
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Best Local
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 10827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/198,676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: ROSen et al. TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PC006
CURRENT APPLICATION NUMBER: US/09/764,891
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es 51; Conserv
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l'Similarity 60.7%;
51; Conservative
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60.7%;
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Pred. No. 13;
0; Mismatches
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Length 18272; Indels

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; ORGANISM: Human
US-10-027-632-10536
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PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
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LENGTH: 1099
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hanzel, David K.

RPPLICANT: Chen, Wensheng

FITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Accomica-X-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PPLICANT: Penn, Sharron G.
PPLICANT: Rank, David R.
PPLICANT: Hanzel, David K.
                                                                                                                                                                                                                                                                  OR APPLICATION NUMBER: GB 24263.6
OR FILING DATE: 2000-10-04
OR APPLICATION NUMBER: US 60/236,359
OR APPLICATION NUMBER: US 60/236,359
OR APPLICATION NUMBER: PCT/US01/00666
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00667
OR APPLICATION NUMBER: PCT/US01/00664
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00664
OR FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 60/207,456
FILING DATE: 2000-05-26
APPLICATION NUMBER: US 09/632,366
FILING DATE: 2000-08-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             155 GCAAAAGTGCTTGTCCCCTGACCCAAGAA 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      142 AATTGAAAACCAGCCTTACCAGACATTTAAGATAGCCATGATTAATATAAACATGAAAAT 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            202 CATGGTTTTATTTAAATTGAGACTTTTCAAAACCTTGTGTGTTTTTATATTACCAACATA 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16206, Application of the use of 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    35 CATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCGGGGAAATAGATGTGAAAACCCT
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Pred. No. 5
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RESULT 7
US-10-027-632-185956/c
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; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.7
US-09-864-761-16206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 185956, Application US/10027632
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
                                                                                                                                 SEQ ID NO 185956
LENGTH: 639
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Best Local
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PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
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                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(639)
                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
                                                                               TYPE: DNA
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE:
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PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
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PRIOR APPLICATION NUMBER: PCT/US01/00661
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 515
TYPE: DNA
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APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        253 GCCCTTAAAATGACCAGTAGATATTTATCTTTAGTGAGATGCAGTTTTTAAAAAATCTTTA 312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   133 CATTGATGACAACATGGACTAAGCAAAAGTGCTTG 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           73 GGGAAATAGATGTGAAAAACCCTTATAAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTAT 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13 GGCCATGAAGTGGCTTGACAAGCATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCG 72
                                                                                                                                                                              FastSEQ
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                                                                                                                                                                            for Windows Version 4.0
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49.7%;
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Pred. No. 5.1;
0; Mismatches
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RESULT 9
US-10-027-632-266872/c
US-10-027-632-266872, Application US/10027632
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Human
US-10-027-632-270844
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SERERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR PILING DATE: 2000-07-12
                               GENERAL INFORMATION:

APPLICANT: Wang, David G.

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT APPLICATION NUMBER: US/60/218,006
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 270844
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Best Local Similarity
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PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR PRIO
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PRIOR FILING
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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APPLICATION NUMBER: US 60/146,002
FILING DATE: 1999-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 60/198,676 FILING DATE: 2000-04-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/156,358
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|| ||||||| ||| |||
569 TAAGCATTTTGAAAAACACTTAAAAAA 544
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           629 CAGGCACTGGGTACATAAGTATCATATTTTTAAATTTTCTGTACGTTTAAAACATTTTATA 570
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          424 ATAAAACCATCTGAGAACTCTGGGGCATGTTCTTAATAAAGTTCAGAACTTTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                484 GCTCTTGGCAGCGCGGATGATGTAAAAGGGACTACATCACCATGTCTGATGCGTTCATTT 425
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Pred. No. 6.
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RESULT 11 US-10-027-632-221811/c

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US-09-918-995-12674
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Best Local :
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Best Local (
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                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
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PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hyseq,
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NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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311 AAATAACAAGGCACTAGTCAGATGTGATTTTTGGCAGATACTT 353
                                                                           251 AAGAGAATTGTTGTAGTTAAGCTTCCCTGATGGCATTTTTTAAAAAACAACAGTGGAAAA 310
                                    80
                                                                                               20 AAGTGGCTTGACAAGCATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCGGGGAAAT
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                                    AGATGTGAAAACCCTTATAAAACGCGGGTTTTCGCAGAAACAT 122
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                                                                                                                                                                      Score 29.4; D
Pred. No. 9.3;
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US-10-027-632-221812/c
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US-10-027-632-221811
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GENERAL INFORMATION:
GENERAL IN
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APPLICANT: Wang, David G.
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
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PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
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PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
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PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
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CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
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PRIOR FILING DATE: 2000-02-24
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                                                                                                                                    APPLICATION NUMBER: US 60/146,002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     291 CTAGTCTTTTCACTCTCTTTAAAAAATATGTCAAATCTGTTTGAAAAAAGAAAATATATGC 232
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for Windows Version 4.0
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Pred. No. 10;
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; ORGANISM: Homo sapiens
US-09-796-692-4795
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                                                                                                                                            ; NUMBER OF SEQ ID NO; SOFTWARE: FastSEQ; SEQ ID NO 4795; LENGTH: 507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-796-692-4795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4795, Application US/09796692 Publication No. US20020198362A1 GENERAL INFORMATION:
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LENGTH: 614
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Matches
                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THER
TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
FILE REFERENCE: 2077.001200
CURRENT APPLICATION NUMBER: US/09/796,692
CURRENT FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: 60/186,126
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: 60/190,479
PRIOR APPLICATION NUMBER: 60/200,545
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                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/218,950
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: 60/222,903
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: 60/223,416
PRIOR FILING DATE: 2000-08-04
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TYPE: DNA
ORGANISM: Human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/202,084 FILING DATE: 2000-05-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/200,999
FILING DATE: 2000-05-01
                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/223,378
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/206,201
FILING DATE: 2000-05-22
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49;
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  Conservative
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Pred. No. 10
                      Score 29.2;
Pred. No. 11
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Indels
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89 AACCCTTATAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGATGACAACATG 148

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ESULT 15
'S-10-027-632-97328
Sequence 97328, Application US/10027632
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Homo sapiens S-10-040-862-4795
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SOFTWARE: FastSEQ I
SEQ ID NO 4795
LENGTH: 507
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Best Local Similarity 59.8%;
Matches 49; Conservative
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TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
TITLE OF INVENTION: Hematological Malignancies
FILE REFERENCE: 014058-013520US
CURRENT APPLICATION NUMBER: US/10/040,862
CURRENT FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: US 60/186,126
PRIOR PILING DATE: 2000-03-01
PRIOR PILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US 60/190,479
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OR FILING DATE: 2000-04-28
OR APPLICATION NUMBER: US 60/200,779
OR PILING DATE: 2000-04-28
OR APPLICATION NUMBER: US 60/200,999
OR FILING DATE: 2000-05-01
OR APPLICATION NUMBER: US 60/202,084
OR APPLICATION NUMBER: US 60/202,084
OR FILING DATE: 2000-05-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/223,378 FILING DATE: 2000-08-07
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FILING DATE: 2000-05-22
APPLICATION NUMBER: US 60/218,950
FILING DATE: 2000-07-14
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                                                                                                                                           399
                                                                                                                                                                                          149 GACTAAGCAAAAGTGCTTGTCC 170
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                                                                                                                                        ATTGCAACAAATGGTGTTGTCC 420
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Retter, Marc
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                                                                                                                                                                                                                                                                                                                                                                                                             DB 14;
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; ORGANISM: Human
US-10-027-632-97328
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Best Local Similarity 48.8%;
Matches 79; Conservative
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SEQ ID NO 97328
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
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CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
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PRIOR FILING DATE: 2000-04-20
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1610 TACACTGGTGGGGAGGCAATCCTGCTTCTCTGTTCAAAG 1651
                                                                                                                                                                                                                         1490 AAGTGGCTCTTAAAGGATAATCTAGGCTACAAGTTGTCTAGAAATTTCTTGGATGAAGTT 1549
                                                    140 GACAACATGGACTAAGCAAAAGTGCTTGTCCCCTGACCCAAG 181
                                                                                                                                                                 80 AGATGTGAAAACCCTTATAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGAT 139
                                                                                                                                                                                                                                                                              20 AAGTGGCTTGACAAGCATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCGGGGAAAT 79
                                                                                                            AGAAACTAGGATTTCTACAAGATATACTTCCAAGGAGGGACATTTGTAAAGAGCATTTAT
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                                                                                                                                                                                                                                                                                                                                  Score 29.2; D:
Pred. No. 20;
0; Mismatches
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Search completed: August 25, Job time: 76.798 secs 2003, 22:04:22

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Post-processing: Minimum Match 0%
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Perfect score:
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length: 2000000000
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Gapop 10.0 , Gapext 1.0
                                                                                                         32997241 seqs, 16383922548 residues
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1 gctgggcgcgggcgatga.....
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/cgn2_6/ptodata/1/pna/US082_COMB.seq:*
/cgn2_6/ptodata/1/pna/US084_COMB.seq:*
/cgn2_6/ptodata/1/pna/US084_COMB.seq:*
/cgn2_6/ptodata/1/pna/US085_COMB.seq:*
/cgn2_6/ptodata/1/pna/US086_COMB.seq:*
/cgn2_6/ptodata/1/pna/US086_COMB.seq:*
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/cgn2_6/ptodata/1/pna/US089_COMB.seq:*
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/cgn2_6/ptodata/1/pna/US09BA_COMB.seq:*
/cgn2_6/ptodata/1/pna/US09BC_COMB.seq:*
/cgn2_6/ptodata/1
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/cgn2_6/ptodata/1/pna/US06_COMB.seq:*
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44. (cgn2_6/ptcdata/).pna/(gs10A_comb.seq: *
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47. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
48. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
48. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
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59. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
51. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
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56. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
61. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
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62. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
63. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
64. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
65. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
66. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
67. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
68. (cgn2_6/ptcdata).pna/(gs10A_comb.seq: *
69. (cgn2_6/ptcdata).
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

1 192 100.0 600 34 US-09-816-391A-1 C 2 34.6 18.0 425 20 US-09-394-745-18867 C 3 34.6 18.0 425 25 US-09-565-306-42355

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; TYPE: DNA; ORGANISM: Bifidobacterium 1; FEATURE: ; FEATURE: ; NAME/KEY: CDS; LOCATION: (193)..(471) US-09-816-391A-1
                                                                                    APPLICANT: SASAKI, Takayuki
TITLE OF INVENTION: Anaerobic bacterium as a dru
FILE REFERENCE: 2001-WMC/01736
CURRENT APPLICATION NUMBER: US/09/816,391A
CURRENT FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP 00/287688
PRIOR PILING DATE: 2000-09-21
NUMBER OF SEQ ID NOS: 3
SEQ ID NO 1
LENGTH: 600
                                                                                                                                                                                                                                                                                                                                                              US-09-816-391A-1
                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/09816391A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                   APPLICANT: FUJIMORI, Minoru APPLICANT: TANIGUCHI, Shun
                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                        AMANO, Jun
YAZAWA, Kazuyuki
KANO, Yasunobu
NAKAMURA, Toshiyuki
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1 US-10-398-221-2058
5 US-99-99-99-3551
5 US-99-855-768-18
6 US-99-855-768-18
7 US-99-855-306-32998
7 US-99-855-306-32998
7 US-99-854-617-261052
7 US-99-854-617-261052
7 US-99-854-617-261052
7 US-99-304-745-19452
7 US-99-304-745-19452
7 US-99-3565-306-42940
7 US-99-3565-306-42940
7 US-99-556-306-42940
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US-99-528-237A-20

40 US-99-518-318

US-99-513-999C-31601

US-10-144-771-6009

US-60-360-207-6009

US-99-634-3068-6585

US-99-614-150-30178

US-99-614-150-30178
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US-60-197-873-9232
US-60-252-833-30435
US-10-398-221-8
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US-09-947-911-238
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US-09-634-306B-167810
US-10-027-632-167810
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                                                                                                                                                                                                              drug
                                                                                                                                                                                                                 for cancer
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Sequence 197, App
Sequence 11, Appl
Sequence 11, Appl
Sequence 167810,
Sequence 55, Appl
Sequence 20, Appl
Sequence 318, App
Sequence 318, App
Sequence 6009, Ap
Sequence 6009, Ap
Sequence 6585, Ap
Sequence 29726, Ap
Sequence 29726, A
Sequence 921, App
Sequence 921, App
Sequence 921, App
Sequence 921, Ap
Sequence 921, Ap
Sequence 921, Ap
Sequence 923, Ap
Sequence 308, App
Sequence 308, Appl
Sequence 18, Appl
Sequence 1855, Ap
Sequence 1855, Ap
Sequence 1855, Ap
Sequence 25941, A
Sequence 25941, A
Sequence 251052,
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91809, A
19452, A
42940, A
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NUCLEIC ACID MOLE
LALE REFERENCE: 38-21(15454)B
CURRENT APPLICATION NUMBER: US/09/394,745
CURRENT FILING DATE: 1999-09-15
NUMBER OF SEQ ID NOS: 57264
SEQ ID NO 18867
LENGTH: 425
TYPE: DWY.
                                                                                                                                                                           RESULT 3
US-09-565-306-42355/c
; Sequence 42355, Application US/09565306
; GENERAL INFORMATION:
; APPLICANT: Andersen, Scott E.
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US-09-394-745-18867/c
; Sequence 18867, Application US/09394745
; GENERAL INFORMATION:
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                                                        APPLICANT: Andersen, Scott E.
APPLICANT: Conner, Timothy W.
APPLICANT: Lalgudi, Raghunath V.
TITLE OF INVENTION: Nucleic Acid Mole.
TITLE OF INVENTION: 9lants
FILE REFERENCE: 98-21(15459)C
CURRENT APPLICATION NUMBER: US/09/565,306
CURRENT FILING DATE: 2000-05-04
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; ORGANISM: Zea mays
; OTHER INFORMATION: Clone ID: LIB3062-017-Q1-K1-C7
US-09-394-745-18867
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Best Local
                             NUMBER OF SEQ ID
SEQ ID NO 42355
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TITLE OF INVENTION: NUCLE
TITLE OF INVENTION: PLANTS
FILE REFERENCE: 38-21(154
TYPE: DNA
               LENGTH: 425
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                                                                                                                                                                                                                                                                                                                       136 TGATGACAACATGGACTAAGCAAAAGTGCTTGT 168
                                                                                                                                                                                                                                                                                                                                                                                                                            187 CTTGAAATCTACTGACAAAGATAAGACTAAATTTTTCACCCAAAACAAATACTATAATGC
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                                                                                                                                                                                                                                                                                                                                                                                            76 AAATAGATGTGAAAACCCTTATAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTATCAT 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                           16 CATGAAGTGGCTTGACAAGCATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCGGGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GCTGGGCGCGGCCATGAAGTGGCTTGACAAGCATAATCTTGTCTGATTCGTCTATTT
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                                                                                                                                                                                                                                                                                                                                                             AATGACAGCAATTAATACATTTGAAATGCCTATTTACATAATACAAAGCACTGCTAGACT
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ıdı, Raqhunath V.
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Pred. No. 3.6;
0; Mismatches
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Pred. No. 4e-51;
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                                                                                                                                and Other Molecules Associated
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US-09-684-016-322494/c; Sequence 322494, Application US/09684016; GENERAL INFORMATION:
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US-09-654-617-322494/c
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; OTHER INFORMATION: Clone ID: LIB3062-017-Q1-K1-C7
US-09-565-306-42355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Zea mays
US-09-654-617-322494
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; ORGANISM: Zea mays
US-09-684-016-322494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Annotated Plant Genes 38-21(15097)D

CURRENT APPLICATION NUMBER: US/09/654,617

CURRENT FILING DATE: 2000-09-05

NUMBER OF SEQ ID NOS: 463173

SEQ ID NO 322494

LENGTH: 425

TYPE: DATA
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                                               PRIOR FILING DATE:
NUMBER OF SEQ ID NOS:
SEQ ID NO 322494
LENGTH: 425
                                                                                                    FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/09/684,016

CURRENT FILING DATE: 2000-10-10

PRIOR APPLICATION NUMBER:

PRIOR FILING DATE: 2000-09-05
                                                                                                                                                                                                APPLICANT: KOV
APPLICANT: Liu, Jie
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                    TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  187
                                                                                                                                                                                                                                                                                                                                                                                                                                          127 AATGACAGCAATTAATACATTTGAAATGCCTATTTACATAATACAAAGCACTGCTAGACT 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   136 TGATGACAACATGGACTAAGCAAAAGTGCTTGT 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              187 CTTGAAATCTACTGACAAAGATAAGACTAAATTTTTCACCCAAAACAAATACTATAATGC 128
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                                                                                                                                                                                                                                                                                                                                                                     67
                                                                                                                                                                                                                                                                                                                                                                                                                                                               76 AAATAGATGTGAAAACCCTTATAAAACGCGGGTTTTTCGCAGAAAACATGCGCTAGTATCAT 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16 CATGAAGTGGCTTGACAAGCATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCGGGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          76 AAATAGATGTGAAAACCCTTATAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTATCAT 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                16 CATGAAGTGGCTTGACAAGCATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCGGGG 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           79;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     h 18.0%;
Similarity 51.6%;
                                                                                                                                                                                                                                                                                                                                                                                        TGATGACAACATGGACTAAGCAAAAGTGCTTGT 168
                                                                                                                                                                                                                                                                                                                                                                     TACTGCCAACAATAGCTAAACAGAAGAGGTGGT 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CTTGAAATCTACTGACAAAGATAAGACTAAATTTTTCACCCAAAACAAATACTATAATGC 128
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                             Jingdong
                                                                                                                                                                                                                                        Kovalic, David K.
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51.6%;
                                                                                                                                                                                                    Annotated Plant Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 34.6; DB Pred. No. 3.6; 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0
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Pred. No. 3
                                                                                                                             US 09/654,617
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6;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         74;
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US-09-947-916-137; Sequence 137, Application US/09947916; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; LOCATION: (1)...(180220)
; OTHER INFORMATION: n = A,T,C or G
US-60-212-664-193
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LENGTH: 180220
TYPE: DNA
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Best Local Similarity
Matches 79; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig
TITLE OF INVENTION: COLLECTION OF SINGLE NUCLEOTIDE POLYMORPHISM (SNPs) LOCATED
TITLE OF INVENTION: 19, METHODS OF DETECTION, AND USES THEREOF
FILE REFERENCE: CL001296
CURRENT FAPPLICATION NUMBER: US/09/947,916
CURRENT FILLING DATE: 2003-03-20
NUMBER OF SEQ ID NOS: 337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/60/212,664
CURRENT FILING DATE: 2000-06-20
NUMBER OF SEQ ID NOS: 636
SOFTWARE: FastSEQ for Windows Version 4 (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wang, Yu
TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CL000687
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                 128795 TGTATAATTTGACTCTATTTAAATTCTTCAGAAAAATTAAACTGACAACATTATTTACAA 128854
                                                                                                                                                                                                                                                             128915 TC 128916
                                                                                                                                                                                                                                                                                                                                       128855 GTTTTTTGGAAATTAAAAATGCTTAAGAAAACATTTATAAAAAACTAAAAGTAAAATAATT 128914
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                             103 GCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGATGACAACATGGACTAAGCAAAAGT 162
                                                                                                                                                                                                                                                                                                  163 GC 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           136 TGATGACAACATGGACTAAGCAAAAGTGCTTGT 168
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          43 TGTCTGATTCGTCTATTTTCAATACCTTCGGGGAAATAGATGTGAAAACCCTTATAAAAC 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      193, Application US/60212664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          76 AAATAGATGTGAAAACCCTTATAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTATCAT 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16 CATGAAGTGGCTTGACAAGCATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCGGGG 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 67; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ladunga, Steve
Spier, Gene
Greenberg, Simon
Rabkin, Steven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AATGACAGCAATTAATACATTTGAAATGCCTATTTACATAATACAAAGCACTGCTAGACT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TACTGCCAACAATAGCTAAACAGAAGAGGTGGT 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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CL000687
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54.9%;
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Pred. No. 3.6;
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Pred. No. 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 75; Length 180220;
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NAME/KEY: misc_feature
LOCATION: (1)...(589)
OTHER INFORMATION: n - A,T,C or G
IS-09-637-890-992
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LOCATION: (1)...(653926)
OTHER INFORMATION: n = A,T,C or G
IS-09-947-916-137
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                                                                                                                                                                                                       Query Match
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SOFTWARE: FastSEQ for
SEQ ID NO 992
LENGTH: 589
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LENGTH: 6853926
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 1600.1152-001
CURRENT APPLICATION NUMBER: US/99/637,890
CURRENT FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: 60/147,939
PRIOR FILING DATE: 1999-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND TITLE OF INVENTION: THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                      FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3810656 TGTATAATTTGACTCTATTTAAATTCTTCAGAAAAATTAAACTGACAACATTATTTACAA 3810715
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION
                                                                                 350 TTTTCTACTTTGCCTCCTTACAAGCTACAAGCAAATGAATCTGCTCAGCAGAATGAAG 409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        103 GCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGATGACAACATGGACTAAGCAAAAGT 162
410
                                     102 CGCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGATGACAACATGGACTAAGCAAAAG 161
                                                                                                                      42 TTGTCTGATTCGTCTATTTTCAATACCTTCGGGGAAATAGATGTGAAAACCCCTTATAAAA 101
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                                                                                                                                                                h 17.4%;
Similarity 52.5%;
73; Conservative
CCTATTTTTCAGCATAAATATTGCCTTGCCATGATTAAAATAGAAATCAGCTAAGCATGAT 469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GC 164
                                                                                                                                                                                                                                                                                                                                                                                                                                           FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Vasicek, Tom
MacBeth, Kyle J.
Villeval, Jean-Luc M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Kingsbury, Gillian A. Busfield, Samantha J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Culpepper, Janice A.
Leiby, Kevin R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Cepada, Mario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Holtzman, Douglas A. Galvin, Katherine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gearing, David P.
Shyjan, Andrew W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/09637890
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                                                                                                                                                                                 Score 33.4; DB 27;
Pred. No. 9.7;
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                                                                                                                                                                                                                         : NAME/KEY: misc_feature
: LCCATION: (1)...(2420479)
: OTHER INFORMATION: n = A,T,C or
US-09-947-911-305
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US-09-947-911-305/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 17.4%;
Best Local Similarity 52.5%;
Matches 73; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 305
                                                                                                                                                         Query Match 17.4%;
Best Local Similarity 52.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: VENTER, J. Craig
TITLE OF INVENTION: COLLECTION OF SINGLE NUCLEOTIDE POLYMORPHISM (SNPs) LOCATED ON
TITLE OF INVENTION: X, METHODS OF DETECTION, AND USES THEREOF
FILE REFERENCE: CL001300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/513,647B
CURRENT FILING DATE: 2000-02-25
PRIOR APPLICATION NUMBER: 60/121549
PRIOR FILING DATE: 1999-02-25
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: HUMAN
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/947,911 CURRENT FILING DATE: 2001-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 368
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 2420479
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                                        798432 TTTTCTACTTTGCCTCCTCTTACAAGCTACAAGCAAATGAATCTGCTCAGCAGAATGAAG 798373
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102 CGCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGATGACAACATGGACTAAGCAAAAG 161
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                                                                                    42 TTGTCTGATTCGTCTATTTTCAATACCTTCGGGGAAATAGATGTGAAAAACCCTTATAAAA 101
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                                                                                                                                    Conservative
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                                                                                                                                    0; Mismatches
                                                                                                                                                       Score 33.4; DB 40;
Pred. No. 1.5e+02;
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Pred. No. 41;
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                                                                                                                                                                              Length 2420479;
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US-09-634-306B-167810/c
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      PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR APPLICATION NUMBER: US 60/187,363
PRIOR PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR PILING DATE: 1999-11-23
                                                                                                                                                                                                                                                                   Sequence 167810, Application US/10027632
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
EXIT DEPENDED.
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GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/09/634,306B
CURRENT FILING DATE: 2002-02-21
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CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/198,676
FILING DATE: 2000-04-20
APPLICATION NUMBER: US 60/193,483
FILING DATE: 2000-03-29
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APPLICATION NUMBER: US 60/146,002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  136 TGATGACAACATGGACTAAGCAAAAGTGCTTGTC 169
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59.6%;
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Pred. No. 13;
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                                                                                                                      RESULT 14
US-09-528-237A-20/c
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; ORGANISM: Human
US-10-027-632-167810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature; LOCATION: (1)...(32768); OTHER INFORMATION: n = US-60-207-422-55
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                                                               Sequence 20, Application US/09528237A GENERAL INFORMATION: APPLICANT: Venter, J. Craig
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CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 136
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 55
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Best Local :
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APPLICANT: Venter, J. Craig
TITLE OF INVENTION: The Drosophila Genome, Primary Nucleic
TITLE OF INVENTION: Acid Sequences, Systems Containing The
TITLE OF INVENTION: Sequences and Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN PHOSPHATASE PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUM
TITLE OF INVENTION: AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: CL000610
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 32768
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es 68; Conserv
                                                                                                                                                                                                            29629 CAGGAA 29634
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                                                                                                                                                                                                                                                                                                                                   93
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                                                                                                                                                                                                                                                                                                                                                                                                             33 AGCATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCGGGGAAATAGATGTGAAAACC
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54.0%;
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Pred. No. 13;
0; Mismatches
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Pred. No. 4:
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; FILE REFERENCE: CL000284
; CURRENT APPLICATION NUMBER: US/09/528,237A
; CURRENT FILING DATE: 2000-03-17
; NUMBER OF SEQ ID NOS: 2926
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 20
; SEQ ID NO 20
; LENGTH: 133318
; ORGANISM: DOOSOPhila
US-09-528-237A-20
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US-09-948-128-318/c
US-09-948-128-318/c
; Sequence 318, Application US/09948128
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig
Search completed: August 25, 2003, 21:54:32 Job time: 1571.9 secs
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; LOCATION: (1)...(12360069)
; OTHER INFORMATION: n - A,T,C or G
US-09-948-128-318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: COLLECTION OF SINGLE NUCLEOTIDE POLYMORPHISM (SNPS) LOCATED ON CH
TITLE OF INVENTION: 17, METHODS OF DETECTION, AND USES THEREOF
FILE REFERENCE: CLOO1294
CURRENT APPLICATION NUMBER: US/09/948,128
CURRENT FILING DATE: 2001-09-07
NUMBER OF SEQ ID NOS: 465
SEQ ID NO 318
LENGTH: 12360069
TYPE: DNA
ORGANISM: HUMAN
                                                                                                                                                                                                                                                                                   Query Match 17.1%; Score 32.8; DB 40; Best Local Similarity 61.9%; Pred. No. 3.6e+02; Matches 52; Conservative 0; Mismatches 32;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 17.3
Best Local Similarity 61.6
Matches 53; Conservative
                                                                                               7643579 ATGAAATACTTTTTTTCTGAGAAA 7643556
                                                                                                                                                                                            7643639 AGAATATTCTTTTTCACACCTACTGTTAATCCCTCCGGGTAAATAGGCATGACAATAATA 7643580
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                                                                                                                                             96 ATAAAACGCGGGTTTTCGCAGAAA 119
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  17.3%; Score 33.2; I 61.6%; Pred. No. 66; ative 0; Mismatches
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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                                  seq length: 0 seq length: 2000000000
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1: /cgn2_6/ptodata/1/

2: //gn2_6/ptodata/1/

3: /cgn2_6/ptodata/1/
4: /cgn2_6/ptodata/1/
5: //gn2_6/ptodata/1/
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           569978 segs, 220691566 residues
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1 US-08-343-731-3

5 US-08-943-731-3

5 US-09-218-352-692

1 US-09-221-017B-911

5 US-09-218-352-692

1 US-09-107-532A-3017

5 US-09-107-532A-2248

5 US-09-107-532A-2248

6 US-09-108-266-1

1 US-08-646-715-12

1 US-08-5466-1

2 US-08-5466-1

2 US-08-5466-1

2 US-08-5466-1

2 US-09-108-306-524A-1

4 US-09-773-426A-4

4 US-09-773-426A-4

4 US-09-7221-017B-671
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US-08-426-627-3
US-08-477-396A-3
US-08-426-627-5
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  Sequence 410, App
Sequence 3, Appli
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Sequence 5, Appli
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Sequence 2393, Ap
Sequence 3, Appli
Sequence 911, Appli
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Sequence 31, Appli
Sequence 3017, Ap
Sequence 248, Ap
Sequence 1, Appli
Sequence 20, Appli
Sequence 2, Appli
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Sequence
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; Sequence 3, Application US/08426627; Patent No. 5756664; GENERAL INFORMATION; APPLICANT: AMANN, Egon APPLICANT: Otawara-Hamamoto, Yoko APPLICANT: Kikuno, Reiko APPLICANT: Takeshita, Sunao
                                                                                                                                                           RESULT 2
US-08-426-627-3
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Query M Best Lo Matches	Sequence 410 Patent No. 6 GENERAL INFO APPLICANT APPLICA		444	37 38 40 41	3322 332 354 354 357 357 357 357 357 357 357 357 357 357
y Match Local Sin hes 49; 112 CG 8088 CG 172 CI 172 CI 8028 CG	38. FFFRE THE THE COLOR OF THE STATE OF THE				22222222222 55555555555555555555555555
15.5%; S Similarity 60.5%; P 9; Conservative 0; CGCAGAAACATGCGCTAGTAT	410, Application US/096342, 6544772 NFORMATION: TI Glenn, Matthew TI Glenn, Matthew TI Havukkala, Ilkka J. TI Holksberg, Leonard, N. TI Lubbers, Mark W. TI Christensson, Anna C. TI Holland, Ross TI O'Toole, Paul W. TI Redd, Julian R. TI Coolbear, Timothy INVENTION: Polynucleotid INVENTION: them and meth INVENTION UNDABER: US/09, FILING DATE: 2000-08-08 FILING DATE			13.66	.00000
15 larity 60.5 Conservative AGAAACATGCGCT         AGAAAGCAGCAAA AGAAAGCAGCAAA ACCCAAGAAGGAGAT           CTCGAAAATGGCG	Application US/09634238 4772 44772 Application US/09634238 44772 Idenn, Matthew Itenn, Matthew Itenn, Matthew Itenser, Leonard, N. Itoksberg, Leonard, N. Itoksb		2801 2801 2836	2005 2559 2559 2601	1710 42571 3484 3484 129908 129908 129908 1299025 1230025
5%; 15%; 10; 5%; 10; 10; 10; 10; 10; 10; 10; 10; 10; 10				44400	
core 29.8; DB 4; red. No. 2; Mismatches 32; CATTGATGACAACATGGAC               TGTTGAAGAAGTCATGCAG 192 8008	es, materials cods for using 634,238	ALIGNMENTS	US-09-047-221B-32 US-09-005-051-30 US-09-005-051-32 US-08-747-221B-24	US-08-936-165A-102 US-09-071-035-325 US-09-071-035-329 US-09-071-035-329 US-09-071-035-333 US-08-747-221B-30	US-08-630-915A-189 US-09-810-347-3 US-09-308-090-1 US-09-380-090A-1 US-09-585-688-1 US-09-28-352-2966 US-09-198-452A-1 US-09-107-532A-620 US-09-347-803-19
Length 10303; Indels 0; Gaps 0; TAAGCAAAAGTGCTTGTCCC 171	incorporating them.		22,	325, 325, 329, 30,	Sequence 189, Appli Sequence 3, Appli Sequence 1, Appli Sequence 1, Appli Sequence 2966, Appli Sequence 1, Appli Sequence 1, Appli Sequence 620, Appli

Amann, Egon Otawara-Hamamoto, Yoko Kikuno, Reiko Takeshita, Sunao

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                                                                                                                                RESULT 3
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                                                                                Sequence 3, Applic Patent No. 5872235
                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                            Query Match
                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 202-408-4400 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                              PEATURE:
NAME/KEY:
LOCATION:
               APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 35,178
REFERENCE/DOCKET NUMBER: 02.
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/036,841
FILING DATE: 25-MAR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCRETABLE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TISSUE TYPE:
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: JP 4-71501 FILING DATE: 27-MAR-1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WIMBER OF SEQUENCES:
TITLE OF INVENTION: A NOVEL TUMOR MARKER AND NOVEL METHOD OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Hammond, Alan W. REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                              686 ATTGCAACAAATGGTGTTGTCC 707
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1300 I Street, N.W.
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               Bao, Shideng
Liu, Yuan
                                            Chen,
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join(101..2375)
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Pred. No. 2;
                                                                                                                                                                                                                                                                                                                Mismatches
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US-08-477-396A-3
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                                                                                                                                      Sequence 5 Patent No.
                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                      GENERAL INFORMATION:
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NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: DF
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-2290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 28-MAY-1996 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Rel-
CURRENT APPLICATION DATA:
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ADDRESSEE: Weingarten, STREET: Ten Post Office
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                 TITLE OF INVENTION:
                                                                          APPLICANT:
APPLICANT:
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ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
   NUMBER OF SEQUENCES:
                                             APPLICANT:
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                                                                                                        APPLICANT:
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CITY: Boston
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 3126 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/
FILING DATE: 31-OCT-1994
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                                                                                                                                                                                                                                                         149 GACTAAGCAAAAGTGCTTGTCC 170
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                                                                                                                                                                                                                              709 ATTGCAACAAATGGTGTTGTCC 730
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                                                                                                                                                   Application US/08426627
Tezuka, Kenichi
Tezuka, Kenichi
VENTION: No. 5756664el Protein with Bone Formation
VENTION: Ability and Process for Its Production.
EQUENCES: 24
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                                                                          Kikuno, Reiko
                                                                                      Otawara-Hamamoto,
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43..2376
                                                             Takeshita, Sunao
                                                                                                        Amann, Egon
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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e Square
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Pred. No. 2;
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RESULT 5
US-09-557-884-1/c
; Sequence 1, Application US/09557884
; Patent No. 6506581
; GENERAL INFORMATION:
APPLICANT: Fleischmann et al.
TITLE OF INVENTION: The Nucleotide sequence of the Haemophilus influenzae of 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; NAME/KEY:
; LOCATION:
US-08-426-627-5
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Best Local Similarity
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ZIP: 20005-3315
COMPUTER READABLE FORM:
COMPUTER READABLE FORDY disk
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LENGTH: 3253 base pair
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APPLICATION NUMBER: US 0
FILING DATE: 25-MAR-1993
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 202-408-4000
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FILING DATE: 27-MAR-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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TYPE: nucleic acid
STRANDEDNESS: double
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REGISTRATION NUMBER:
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NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  680 ATTGCAACAAATGGTGTTGTCC 701
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join(97..2540)
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Best Local
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RESULT 6
US-09-643-990A-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/09643990A Patent No. 6528289 GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
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                                                        COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: 3 1/2 inch diskette
COMPUTER: Dell Pentium
OPERATING SYSTEM: MS DOS v6.22
                                                                                                                                                                                                                                                                                            NPLICAN: ACADES

MARK D. Adams

Owen White

Owen White

Hamilton O. Smith

J. Craig Venter

TITLE OF INVENTION: The Nucleotide sequence of
the Haemophilus influenzae Rd Genome,

The Haemophilus Thereof
  CURRENT APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc
STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: 3 1/2 inch diskette COMPUTER: Dell Pentium OPERATING SYSTEM: MS DOS v6.22 SOFTWARE: ASCII Text CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/557,884 FILING DATE: 25-Apr-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-309-8504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Michelle S. Marks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       31 CAAGCATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCGGGGAAATAGATGTGAAAA 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         62; Conserv
                                           SOFTWARE: ASCII Text
                                                                                                                                                                                            STATE: MD
                                                                                                                                                                                                             CITY: Rockville,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CCCTTATAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGATGACAACAT 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: double TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/476,102 FILING DATE: JUN-5-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Rockville
STATE: MD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 1830121 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: PB186P3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 41,971
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ELEFAX:
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US/09/643,990A
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                                                                                                                                                                                                                                                                                                                                    Fragments
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CLASSIFICATION: <U PRIOR APPLICATION DATA:

FILING DATE: 23-Aug-2000

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; SEQUENCE DESCRIPTION: SEQ ID NO: 1: US-09-643-990A-1
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                                                                                                 ZIF: 19103-7086

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release $1.0, V
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: KORKKO, JARMO
APPLICANT: ALA-KOKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nence 128, Application US/08943731 nt No. 6265157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1014826 GCCATATACAACGATTGTTTTTCCATGAGCGTGGATAAGATTCTGATCCTCCAACAT 1014770
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                                                                                                                                                                                                                                                                                                                       ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C. STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND STREET: FLR.
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nes 62; Conservation
  APPLICATION NUMBER:
                                                             APPLICATION NUMBER: US/0
FILING DATE: 03-OCT-1997
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PILING DATE: 1995-06-07
APPLICATION NUMBER: 08/426,787
PILING DATE: 1995-04-21
ATTORNEY/AGENT INFORMATION:
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TELEPHONE: 301-610-5790
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LENGTH: 1830121 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    31 CAAGCATAATCTTGTCTGATTCGTCTATTTTCAATACCTTCGGGGAAATAGATGTGAAAA 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                91 CCCTTATAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGATGACAACAT 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION:
                                                                                                                                                                                                                                                                                                       PHILADELPHIA
                                                                                                                                                                                                                                                                                   PA
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STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 310-309-8439
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REFERENCE/DOCKET NUMBER: PB186P1C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Kenley K. Hoover
                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEREDA, LARISA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SPOTILA, LORETTA D. DELTAS, CONSTANTINOS D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COLIGE, ALAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PACK, MICHAEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LARSON, ANDREA W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PROCKOP, DARWIN J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JAMES
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                                                                                    US/08/943,731
                                                                                                                             Release #1.0, Version #1.30
US 08/212,322
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 730 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tent No.
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hamilton, Amy E
REGISTRATION NUMBER: 33,894
REFERENCE/DOCKET NUMBER: X-6
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TELEFAX: 215-567-2991
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                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PPLICANT:
                                                                                      APPLICATION NUMBER: US/08/208,925 FILING DATE: 09-MAR-1994 APPLICATION NUMBER: US/08/057,163
                                                                                                                                                                                                                                                                                                                                                                            STREET: Lilly Corpo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: DOYLE LEARY Ph.D. REGISTRATION NUMBER: 36
                                                                                                                                                                                APPLICATION NUMBER: US/01 FILING DATE: 27-OCT-1994
                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         130 TATCATTGATGACAACATGGACTAAGCAAAAGTGCTTGTCCCCTGACCCAAGAAGGATGC 189
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                                                                                                                                                                                                                                                                                                                               46285
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                                                                                                                                                                                                                                                                                                                                                                                                 Lilly Corporate Center
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Skatrud, Paul L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Alborn Jr., William
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEMA GENE OF STAPHYLOCOCCUS EPIDERMIDIS, FEMA PROTEIN, AND VECTORS AND MICROORGAN THE FEMA GENE
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                                                                                                                                                                                                   US/08/330,154
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     x-8894
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AND VECTORS AND MICROORGANISMS COMPRISING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 730;
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RESULT 10
US-08-943-731-3/c
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                                                                                                    Sequence 3, Application US/08943731 Patent No. 6265157
                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 2393
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/134,001C CURRENT FILING DATE: 1998-08-13 PRIOR APPLICATION NUMBER: US 60/064,964 PRIOR FILING DATE: 1997-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/055,779 PRIOR FILING DATE: 1997-08-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lynn Doucette-Stamm et al TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS TITLE OF INVENTION: EPIDERWIDIS FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: GTC-007
                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 1269
TYPE: DNA
ORGANISM: Staphylococcus epidermidis
                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 1257 base pairs
                               APPLICANT:
                                             APPLICANT:
                 APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
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                                                                                                                                                                                               763
                                                                                                                                                                                                                    149 GACTAAGCAAA 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  694
                                                                                                                                                                                                                                                                           89 AACCCTTATAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGATGACAACATG 148
                                                                                                                                                                                                                                                                                                                  44;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     89 AACCCTTATAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGATGACAACATG 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            44;
                                                                                                                                                                                                                                                AAACATTATAAAGACCGTGTTTTAGTACCACTAGCCTATATTAACTTTGATGAGTATATA 762
                                                                                                                                                                                             GAGGAACTAAA 773
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GAGGAACTAAA 764
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GACTAAGCAAA 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAACATTATAAAGACCGTGTTTTAGTACCACTAGCCTATATTAACTTTGATGAGTATATA 753
            PROCKOP, DARWIN J.
SPOTILA, LORETTA D.
SPOTILA, CONSTANTINO
SEREDA, LARISA
LARSON, ANDREA W.
PACK, MICHAEL
                                                                                                                                                                                                                                                                                                                  Conservative
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                                         CONSTANTINOS D.
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                                                                                                                                                                                                                                                                                                           Score 27.8; DB 4;
Pred. No. 4.4;
0; Mismatches 27;
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RESULT 11
US-09-328-352-692/c
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                                                                            GENERAL INFORMATION:
APPLICANT: GATY L. Breton et al.
APPLICANT: HOLLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTE
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC99-03PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local S
Matches 41
                                                                                                                                                                          Sequence 692, Application US/09328352
Patent No. 6562958
NUMBER OF SEQ ID NOS:
SEQ ID NO 692
                                        CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US C
FILING DATE: 03-DEC-1991
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APPLICATION NUMBER: US 08/212,322
FILING DATE: 14-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: 03-OCT-1997
CLASSIFICATION: 435
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ALA-KOKKO, LEENA, et al.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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mes 41; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                              10606 TITCAGAAGTGACAGCCTTGACCAAGCTCAGCTGGCTATCCCCTGCCCTCTGAAGGCTGC 10547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                            10546 TCT 10544
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                                                                                                                                                                                                                                                                                                                                                                                                  130 TATCATTGATGACAACATGGACTAAGCAAAAGTGCTTGTCCCCTGACCCAAGAAGGATGC 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
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KORKKO, JARMO
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Pred. No. 1
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US-09-221-017B-911/c
; Sequence 911, Application US/09221017B
; Patent: No. 6444799
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; ORGANISM: Acinetobacter baumannii
US-09-328-352-692
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Best Local S
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                                                                                                                                                      NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
PP2911
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
PP1182
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ADDRESSEE: WORRISON
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TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF
NUMBER OF SEQUENCES: 1120
                                ANTI-SENSE:
                                               HYPOTHETICAL:
                                                                   MOLECULE TYPE:
                                                                                                                                                                          TELEFAX: v-
TELEFAX: 706141
                                                                                                                                                                                                                                                          NAME: Monroy, Gladys H
REGISTRATION NUMBER: 32,430
REFERENCE/DOCKET NUMBER: 27
                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/AU98/01023 FILING DATE: 10-DEC-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
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                                                                                                  STRANDEDNESS:
                                                                                                                                    ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CATION NUMBER:
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                                                                                                                  nucleic acid
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                                                                                                                                    7650 base pairs
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                                UNKNOWN
                                                                                     circular
PORYPHYROMONAS GINGIVALIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IBM Compatible
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                                                                 DNA (genomic)
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56.78;
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Pred. No. 3;
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; NAME/KEY: misc_feature
; LOCATION: 1...7650
US-09-221-017B-911
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                                                                                                                                                                                                                                                                                                                     0S-08-545-528D-1
                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Fraser et al.
TITLE OF INVENTION: Nucleotide Sequence of the Mycoplasma Genitalium Genome, Fragm
Patent No. 6537773
Patent No. 6537773
TITLE OF INVENTION: Thereof, and Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
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SEQ ID NO 3
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APPLICANT: WEI, Ming-Hui et al
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
               CURRENT APPLICATION NUMBER: US/08/545,528D CURRENT FILING DATE: 1995-10-19 PRIOR APPLICATION NUMBER: US 08/488,018 PRIOR EILING DATE: 1995-06-07 PRIOR APPLICATION NUMBER: US 08/473,545 PRIOR EILING DATE: 1995-06-07
                                                                                                                                                FILE REFERENCE: PB193P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/734,674
CURRENT FILING DATE: 2000-12-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS.
TITLE OF INVENTION: AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
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OTHER INFORMATION: n = I
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          44673 GACTATTATGAACACCTCTGTGCAAACAAATTAGAAAATCTAGAGGAAATGGATAAGTTC 44614
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SEQ ID NOS:
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Pred. No. 45;
0; Mismatches
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Pred. No. 12;
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RESULT 15
US-09-107-532A-3017
; Sequence 3017, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm ar
ITTLE OF INVENTION: NUCLEIC ACID ANI
                                     ; LOCATION: (B) LOCATION 1...318; SEQUENCE DESCRIPTION: SEQ ID NO: 3017: US-09-107-532A-3017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
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; LENGTH: 580073
; TYPE: DNA
; ORGANISM: Mycoplasma genitalium
US-08-545-528D-1
    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 14.3%;
Best Local Similarity 59.7%;
Matches 46; Conservative
                                                                                                                                                                                                                                                                                                                           TELEFAX: (781)893-8277
INFORMATION FOR SEQ ID NO: 3017:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/107,532A

FILING DATE: 30-Jun-1998

PRIOR APPLICATION UNMBER: 60/085,598

PRIOR APPLICATION NUMBER: 60/085,598

FILING DATE: 14 May 1998

APPLICATION NUMBER: 60/051571

FILING DATE: JULY 2, 1997

ATTORNEY/AGENT INFORMATION:

NAME: ATIOLELLO, Pamela Deneke

REGISTRATION NUMBER: 40,489
                                                                                                                                                               LENGTH: 318 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              114663 TGAAAAAACAATGCTTG 114679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       114603 CCCTGACAGAAGGATTGCTTTAGCACTAAGATGGATTGTGATCTTTGCTAACAAAAGAAA 114662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02354
COMPUTER READABLE FORM:
MEDIUM TYPE: CD/ROM ISO9660
                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 7310 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     151 CTAAGCAAAAGTGCTTG 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   91 CCCTTATAAAACGCGGGTTTTCGCAGAAACATGCGCTAGTATCATTGATGACAACATGGA 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: PC
OPERATING SYSTEM: <Unknown>
SOFTWARE: ASCII
                                                                                                NAME/KEY: misc_feature
                                                                                                                                          ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Waltham
STATE: Massachusetts
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  14.2%; Score 27.2;
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Pred. No. 66;
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AND AMINO ACID SEQUENCES RELATING TO
FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
DB 4; Length 318;
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Search completed: August 25, 2003, 19:52:21 Job time : 38.8534 secs

11543, A 11665, A 11665, A 11691, A 11691, A 11, Appli 2357, Ap 2559, Ap 2559, Ap

11543, 11665,

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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1: /cgn2_6/ptodata/1,
2: //gn2_6/ptodata/1,
3: /cgn2_6/ptodata/1,
4: //gn2_6/ptodata/1,
5: //gn2_6/ptodata/1,
6: //gn2_6/ptodata/1,
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Gapop 10.0 , Gapext 1.0
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/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
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/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/BCTUS_COMB.seq:*
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Sequence 7263, Ap

Sequence 13610, A

Sequence 13617, A

Sequence 13917, A

Sequence 3732, Ap

Sequence 3828, Ap

Sequence 1, Appli

Sequence 14703, A

Sequence 15197, Ap

Sequence 9034, Ap

Sequence 9017, Ap

Sequence 9117, Ap

Sequence 7921, Appli

Sequence 4788, Appli

Sequence 4788, Appli

Sequence 200, App

Sequence 200, App

Sequence 11770, A

Sequence 11770, A

Sequence 48, Appli

Sequence 48, Appli

Sequence 48, Appli

Sequence 48, Appli

Sequence 11770, A

Sequence 11770, A

Sequence 48, Appli

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Sequence 11841, Appli
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PRIOR FILING DATE: 198-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 7263
LENGTH: 363
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-7263
RESULT 2
US-09-252-991A-13810/c
; Sequence 13810, Appl
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: AUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           O O
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). 6551795
                                                                                                                                AAGGCCCTGCGCGACGCGGTCAAC 360
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAGTCTGACCTCGTTTCGAAGATCGCCCAGAAGTCCAACCTGACCAAGGCTCAGGCCGAG
                                                                                                                                                                                          TCCCTGCTGAAGAAGGCCGTCACC
                                                                                                                                                                                                                                        CCGCAGACCGGCCAGCCGGTGAAGATCAAGGCCAGCAACACCGTCGCCTTCAAGCCGGGC
                                                                                                                                                                                                                                                                                CCGCGCACTGGCGAGATTGACATTCCGGCTTCCTACGGCGTTCGTATCTCCGCTGGC
                                                                                                                                                                                                                                                                                                                                                      ACCCTGGTCGGTTTCGGCACCTTCCTGCAACGCCATCGCGGAGCCCGCACGAGGAAGAAC
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US-09-252-991A-11665
US-09-252-991A-11691
US-09-252-991A-2357
US-09-252-991A-2259
US-09-252-991A-2275
US-09-252-991A-2275
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Pred. No. 5.9e-11;
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Sequence 13810, Application US/09252991A

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length: 0 length: 20000000000

Minimum

Scoring table:

Perfect score:

US-09-816-391A-J 600

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FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 13810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; LENGTH: 426
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-13810
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APPLICANT: MAIC J. Rubenfield et al.
APPLICANT: MAIC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107195.136
                                                                                                                                                                                                         NUMBER OF SEQ ID NOS:
SEQ ID NO 13634
LENGTH: 312
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Best Local (
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                                                                                              Query Match
Best Local Similarity
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                                                                              Matches
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
PRIOR FILING DATE: 1998-07-27
                                                                                                                                                                TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
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                                       202 AACAAGTCTGACCTCGTTTCGAAGATCGCCCAGAAGTCCAACCTGACCAAGGCTCAGGCC 261
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Pred. No. 1.
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                                                                            Score 64.2; DB 4;
Pred. No. 4.5e-10;
0; Mismatches 128;
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SEQ ID NO 13917
LENGTH: 312
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GENERAL INFORMATION:
                                                              GENERAL INFORMATION:
                                                                                    sequence 3732, Application US/09252991A
Patent No. 6551795
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Best Local Similarity
                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18
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         APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Pseudomonas aeruginosa
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APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
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US-09-252-991A-3828/c
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US-09-252-991A-3732
                                                                                                                                                                                       Query Match 7.8%;
Best Local Similarity 47.9%;
                                                                                                                                                                          Matches 135;
                                                                                                                                                                                                                                                                                               SEQ ID NO 3828
LENGTH: 567
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                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR TLING DATE: 1996-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
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SEQ ID NO 3732
LENGTH: 477
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ORGANISM: Pseudomonas aeruginosa
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CURRENT APPLICATION NUMBER: US/09/252,99:
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
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TYPE: DNA
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                                                                                                                            193 ATGGCATACAACAAGTCTGACCTCGTTTCGAAGATCGCCCAGAAGTCCAACCTGACCAAG
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                                                      GCTCAGGCCGAGGCTGCTGTTAACGCCTTCCAGGATGTGTTCGTCGAGGCTATGAAGTCC 312
                       ACCACCGTTCGCAGCGCGCTCGACCAGCTCGCCGAGATCGTCAAGGACGCCCTGGAGAAC
                                                                                           ATGCACTGACCAAAGACCAACTGATCCAGGACATCGCCGAAGCCATCGACGCGCAGAAG
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                                                                                                                                                                   Score 46.8; DB 4;
Pred. No. 0.00011;
0; Mismatches 147;
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Pred. No. 0.00011;
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         GENERAL INFORMATION:
APPLICANT: Pollock, Thomas J
APPLICANT: Mikolajczak, Marcia
APPLICANT: Yamazaki, Motohide
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APPLICANT: Thorne, Linda
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US-09-096-942-1
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TYPE: DNA
ORGANISM: Xanthomonas campestris
PUBLICATION INFORMATION:
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APPLICANT: Armentrout, Richard W
TITLE OF INVENTION: Production of Xanthan Gum by Sphingomonas Bacteria
FILE OF INVENTION: Carrying Genes from Xanthomonas Campestris
FILE REFERENCE: Seq list for appl filed from pro. appl
CURRENT APPLICATION NUMBER: US/09/096,942
CURRENT FILING DATE: 1998-06-12
EARLIER FILING DATE: 1998-06-12
EARLIER APPLICATION NUMBER: 60/049,428
EARLIER FILING DATE: 1997-06-12
UNDBER OF SEQ ID NOS: 2
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APPLICANT: Mikolaje
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                                                                              213 CCCGGTCGCAATCCCAAGACCGGTGAGGAATTCCGATCTCGGCCAGGACGGTGGTGACC
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273 TTCCGCCCGGCCAGAAACTCAAGGA 298
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Similarity 47.78;
                                                                                                                      ACCGGCCGCAACCCGCGCACTGGCGAGCAGATTGACATTCCGGCTTCCTACGGCGTTCGT 432
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                                         ATCTCCGCTGGCTCCCTGCTGAAGAA 458
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Pred. No. 0.0047;
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SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 1
LENGTH: 16075
TYPE: DNA
ORGANISM: Xanthomonas campestris
PUBLICATION INFORMATION:
US-09-096-867-1
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US-09-252-991A-14703
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; LENGTH: 306
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-14703
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APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
FILE REFERENCE: 107196.136
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Best Local Similarity 47.7%;
Matches 127; Conservative
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CURRENT FILING DATE: 1998-06-11

EARLIER APPLICATION NUMBER: 60/049,428

EARLIER FILING DATE: 1997-06-12

NUMBER OF SEQ ID NOS: 2

SOFTWARDE: Particulation of Seq ID NOS: 2
                                                                                                                                                                                   Query Match
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                                                                                                                                        7.0%;
Local Similarity 51.6%;
hes 96; Conservative
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    303 TATGAAGTCCGGCGAAGGCCTGAAGCTCACCGGCCTGTTCTCCGCTGAGCGCGTCAAGCG
                                                                                          243 CCTGACCAAGGCTCAGGCCGAGGCTGCTGTTAACGCCTTCCAGGATGTGTTCGTCGAGGC
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                                                  CCTGAACAAACGGGAAGCCAAGGAGTTGGTGGAGCTGTTCTTCGAAGAGATCCGCCAGGC 116
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Pred. No. 0.0025;
0; Mismatches 9
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 15197
LENGTH: 498
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US-09-252-991A-15197/c
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US-09-252-991A-8860
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APPLICANT: MAIC J. Rubenfield et al.
APPLICANT: MAIC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6551795
                                                                                                                                                                                                                                                                               Sequence 8860, Application US/09252991A Patent No. 6551795 GENERAL INFORMATION:
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Best Local :
SEQ ID NO 8860
LENGTH: 732
                                     CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18 PRIOR APPLICATION NUMBER: US 60/074,788 PRIOR FILING DATE: 1998-02-18 PRIOR APPLICATION NUMBER: US 60/094,190 PRIOR FILING DATE: 1998-07-27 NUMBER OF SEQ ID NOS: 33142
                                                                                                                                                                                                APPLICANT: MARC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
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Local Similarity 51.6%;
Les 96; Conservative
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SEQ ID NO 9034
LENGTH: 1047
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
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Patent NO. 6551795
GENERAL INFORMATION:
APPLICANT: MAIC J. Rubenfield et al.
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: AUCLEIC ACID AND ANINO ACID
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS A
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                      Sequence 8971, Application US/09252991A Patent No. 6551795
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Local Similarity 54.3%;
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Pred. No. 0.0097;
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                                                                                                                                    SEQUENCES RELATING TO PSEUDOMONAS
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RESULT 15
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                                                                Sequence 7630, Application US/09252991A Patent No. 6551795
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 9117
LENGTH: 1494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: MAIC J. RUBENFIELD et al.
APPLICANT: MAIC J. RUBENFIELD ACID AMD AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TILLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TILLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TILLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TO CURRENT FILLING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
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Best Local Similarity
Matches 82; Conserv
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LENGTH: 1464
      APPLICANT: Marc J.
TITLE OF INVENTION:
TITLE OF INVENTION:
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PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
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Similarity 54.3%;
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Rubenfield et al.

NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
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Pred. No. 0.013;
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Result
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                      Score
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38.4
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: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
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/Cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
/Cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
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    9 US-09-815-242-9947

9 US-09-815-242-9974

10 US-09-749-728B-12

14 US-10-198-846-9872

9 US-09-815-242-7900

12 US-10-205-979-26

13 US-10-51-643-200

14 US-10-156-761-8834

9 US-09-864-761-27737
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14 US-10-156-761-1
14 US-10-127-032-71
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14 US-10-156-761-2671
14 US-10-156-761-1
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Sequence 1, Appli
Sequence 5111, Ap
Sequence 7, Appli
Sequence 77, Appli
Sequence 2671, Ap
Sequence 2671, Ap
Sequence 27, Ap
Sequence 1, Appli
Sequence 9847, Ap
Sequence 9872, Ap
Sequence 970, Ap
Sequence 2700, Ap
Sequence 200, Ap
Sequence 200, Ap
Sequence 26, Appl
Sequence 2634, Ap
Sequence 27737, A
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## ALIGNMENTS

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; LOCATION: (193)..(471)
US-09-816-391A-1
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                                                                                                                                                                                                                                                                      APPLICANT: SASAKI, Takayuki
TITLE OF INVENTION: Anaerobic bacterium as a drug for cancer gene therapy
FILE REFERENCE: 2001-WAC/O1736
CURRENT APPLICATION NUMBER: US/09/816,391A
CURRENT FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP 00/287688
PRIOR APPLICATION NUMBER: JP 00/287688
PRIOR SEQ ID NOS: 3
SEQ ID NO 1
LENGTH: 600
TYPE: DNA
ORGANISM: Bifidobacterium longum
FEATURE:
                                                                                                                                           Query Match 100.0%; Score 600; DB 9; Best Local Similarity 100.0%; Pred. No. 7e-194; Matches 600; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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APPLICANT: TANIGUCHI, Shun
APPLICANT: AMANO, Jun
APPLICANT: YAZAWA, Kazuyuk
APPLICANT: KANO, Yasunobu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
61 TCAATACCTTCGGGGAAATAGATGTGAAAAACCCTTATAAAACGCGGGTTTTCGCAGAAAC
                                                                   TANIGUCHI, Shunichiro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    KANO, Yasunobu
NAKAMURA, Toshiyuki
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APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHEA, TADAYOSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: HATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: JP 2001-204089
PRIOR APPLICATION NUMBER: JP 2001-204089
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR FILING DATE: 2001-08-02
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                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Streptomyces avermitilis
; PEATURE:
; NAME/KEF: CDS
; LOCATION: (1)..(279)
US-10-156-761-5111
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SEQ ID NO 5111
LENGTH: 279
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                                                                                                                              Query Match 12.9%;
Best Local Similarity 58.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: OMURA, SATOSHI
APPLICANT: IKEDA, HARUO
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   270 TGTTAACGCCTTCCAGGATGTGTTCGTCGAG----GCTATGAAGTCCGGCGAAGGCCTGAA 326
                                                                         210 TGACCTCGTTTCGAAGATCGCCCAGAAGTCCAACCTGACCAAGGCTCAGGCCGAGGCTGC
                                       12 TGAGCTGGTGGCCGCGTGGCCGACCGCGGGGGTGACCCCGCAAGGACGCCGACGCCGT
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                                                                                                               Conservative
                                                                                                           Score 77.6; DB 14;
Pred. No. 6.2e-16;
0; Mismatches 104;
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; LOCATION: (4187715)
; OTHER INFORMATION: a, t, c,
US-10-156-761-1
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Best Local Similarity 58.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                       Matches 153;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: JP 2001-204089
PRIOR FILING DATE: 2001-05-30
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 15109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SARAKI, YOSHIYUKI
APPLICANT: HATFORI, MASHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-262
CURRENT PEPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 9025608
TYPE: DNA
ORGANISM: Streptomyces avermitilis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                     6227520 TGAGCTGGTGGCCGGCCTGGCCGACCGCCGACGCCGAAGGACCCCGAAGGACGCCGACGCCGACGCCGACGCCGAAGGACCCCGAAGGACGCCGAACGCCGT
6227760 GAAGCTCAAGGAAGCCGCCA 6227779
                                                                                                                                                                  6227640 CATCCCCGGCTTCCTGACCTTCGAGCGCACCCACCGTGCCGCTCGCACCGCGCGTAACCC
                                                                                                                                                                                                                                                    6227580 TCTGGCCGCGTTCGCCGAGACCGTCGGCGAGATCGTTGCCAAGGGCGACGAGAAGGTCAC
                                       447
                                                                                                                         387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         192
                                                                                                                                                                                                                                                                                         270 TGTTAACGCCTTCCAGGATGTGTTCGTCGAG---GCTATGAAGTCCGGCGAAGGCCTGAA
                                                                                                                                                                                                                                                                                                                                                                             210 TGACCTCGTTTCGAAGATCGCCCAGAAGTCCAAACCTGACCAAGGCTCAGGCCGAGGCTGC 269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             447 CCTGCTGAAGAAGGCCGTCA 466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              387 GCGCACTGGCGAGCAGATTGACATTCCGGCTTCCTACGGCGTTCGTATCTCCGCTGGCTC 446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        132 CATCCCCGGCTTCCTGACCTTCGAGCGCACCCACCGTGCCGCGCTCGCACCGCGCGTAACCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                327 GCTCACCGGCCTGTTCTCCGCTGAGCGCGTCAAGCGCCCGGCTCGCACCGGCCGCAACCC 386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          72
                                                                                                       GCGCACTGGCGAGCAGATTGACATTCCGGCTTCCTACGGCGTTCGTATCTCCCGCTGGCTC
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                                       CCTGCTGAAGAAGGCCGTCA 466
                                                                                 GCAGACCGGCGACCCGATCCAGATCCCGGCGGCTACAGCGTCAAGGTCTCCGCGGGCTC
                                                                                                                                                                                                          GCTCACCGGCCTGTTCTCCGCTGAGCGCGTCAAGCGCCCGGCTCGCACCGGCCGCAACCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IKEDA, HARUO
ISHIKAWA, JUN
HORIKAWA, HIROSHI
                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                       Score 77.6; DB 14;
Pred. No. 2e-13;
0; Mismatches 104;
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                                                                                 6227759
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RESULT 4

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0S-10-127-032-71
                                              APPLICANT: XU, H. Howard
TITLE OF INVENTION: Identification of Essential Genes
TITLE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITA.011A
CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  09-815-242-7753
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APPLICANT: Ohlsen, Kari L.
APPLICANT: Zyskind, Judith W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/285,190
PRIOR FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: US 60/344,142
PRIOR FILING DATE: 2001-10-24
NUMBER OF SEQ ID NOS: 170
                                                                                                                                                                                                                                                PPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/127,032 CURRENT FILING DATE: 2002-04-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: LOTY, Stephen
APPLICANT: Greenberg, Everett Peter
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE MODULATION
TITLE OF INVENTION: BIOFILM FORMATION
FILE REFERENCE: UIZ-070CP
                                                                                                                                                                                                                                                                                                                                                                                                    ENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 273
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        y Match 11.5%;
Local Similarity 53.8%;
                                         APPLICATION NUMBER: 60/206,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       247 AAGGCCCTGCGCGACGCGGTCAAC 270
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  205 AAGTCTGACCTCGTTTCGAAGATCGCCCAGAAGTCCAACCTGACCAAGGCTCAGGCCGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     142; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CCGCGCACTGGCGAGCAGATTGACATTCCGGCTTCCTACGGCGTTCGTATCTCCGCTGGC 444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ACCCTGGTCGGTTTCGGCACCTTCCTGCAACGCCATCGCGGAGCCCGCACGGGGAAGAAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAGCTCACCGGCCTGTTCTCCGCTGAGCGCGTCAAGCGCCCGGCTCGCACCGGCCGCAAC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TCCCTGCTGAAGAAGGCCGTCACC 468
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CCGCAGACCGGCCAGCCGGTGAAGATCAAGGCCAGCAACACCGTCGCCTTCAAGCCGGGC
                                                                                                                                                                                                                                         Carr, Grant J.
Yamamoto, Robert T.
                                                                                                                                                                                                                                                                                     Trawick, John D.
                                                                                                                                                                                                                                                                                                                Wall,
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                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/09815242
0020061569A1
NUMBER: 60/207,727
                                                                                                                                                                                                                                                                                                          Daniel
                       2000-05-23
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Pred. No. 6.2e-13;
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RESULT 6
US-10-156-761-2671
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; LOCATION: (1)...(273)
US-09-815-242-7753
                                                                                                        PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 2671
LENGTH: 651
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Fas
SEQ ID NO 7753
                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/156,76: CURRENT FILLING DATE: 2002-05-29 PRIOR APPLICATION NUMBER: UP 2001-204089 PRIOR FILING DATE: 2001-05-30
                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 249-262
                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: OMURA, SATOSHI
APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, JUN
                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
                                                      TYPE: DNA
ORGANISM: Streptomyces
                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
NAME/KEY: CDS
LOCATION: (1)..(651)
                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 14110
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PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 273
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       uence 2671, Application US/10156761
lication No. US20030119018A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   184 AACCCGCAAACTGGCAAGCCGATCAAGATCGCCGCTGCCAAGATCCCGGGCTTCAAAGCC 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               382 AACCCGCGCACTGGCGAGCAGATTGACATTCCGGCTTCCTACGGCGTTCGTATCTCCGCT 441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          124 GTCGTGCTGGTTGGTTTCGGCACCTTCGCTGTCAAAGAGCGCGCTGCTCGCACCGGTCGC 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     322 CTGAAGCTCACCGGCCTGTTCTCCCGCTGAGCGGCTCAAGCGGCCGGGCTCGCACCGGCCGC 381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    262 GAGGCTGCTTAACGCCTTCCAGGATGTGTTCGTCGAGGCTATGAAGTCCGGCGAAGGC 321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             202 AACAAGTCTGACCTCGTTTCGAAGATCGCCCAGAAGTCCCAACCTGACCAAGGCTCAGGCC 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           244 GGTAAAGCCCTGAAGGATGCTGTCAACTA 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              64 GGTCGCGCACTGGACGCAGTGATCGAGTCCGTCACTGGCGCCCTGAAGGCTGGTGACTCC 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 AACAAGTCGGAACTGATCGATGCAATTGCCGCATCTGCTGATATCCCGAAAGCTGTTGCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                        IKEDA, HARUO
ISHIKAWA, JUN
HORIKAWA, HIROSHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GGCTCCCTGCTGAAGAAGGCCGTCACCGA 470
                                                                                                                                                                                                                                                                                                                                           SHIBA, TADAYOSHI
SAKAKI, YOSHIYUKI
HATTORI, MASAHIRA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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52.4%;
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Pred. No. 2.3e-11;
0; Mismatches 128;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 273;
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                                                                                                                                                                                                                                                                                                                                                                                                      ; NAME/KEY: misc_feature
; LOCATION: (4187715)
; OTHER INFORMATION: a, t, c, g, other or unknown
US-10-156-761-1
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                                                                                                                 S
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PRIOR FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/10156761 Publication No. US20030119018A1 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                          Matches 120;
                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: HATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLINUCLEOTIDES
FILE REFERENCE: 2449-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: JF 2001-204089
PRIOR PILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-05-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Streptomyces avermitilis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: OMURA, SATOSHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH: 9025608
                                                                                                                                                                                                                                            3290255 CAGGCCGACGCGGTCGACGCCGTACTGGACGCCATCCTCCGCCGCGGTCGGCGGG 3290196
3290075
                                                                                                                                                              3290195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  256 CAGGCCGAGGCTGCTGTAACGCCTTCCAGGATGTGTTCGTCGAGGCTATGAAGTCCGGC 315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              376 GGCCGCAACCCGCGCACTGGCGAGCAGATTGACATTCCGGCCTTCCTACGGCGTTCGTATC 435
                                                                                                                                                                                               316 GAAGGCCTGAAGCTCACCGGCCTGTTCTCCGCTGAGCGCGTCAAGCGCCCGGCTCGCACC 375
                                                                                                                                                                                                                                                                                  256 CAGGCCGAGGCTGCTTAACGCCTTCCAGGATGTGTTCGTCGAGGCTATGAAGTCCGGC 315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      115 GACCGGGTTTCGGTCACCGGCTTCGGTTCCTTCGAGAAGGTGGACCGTCCGGCCCGCTAC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ISHIKAWA, JUN
HORIKAWA, HIROSHI
SHIBA, TADAYOSHI
SAKAKI, YOSHIYUKI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TCCGCTGGCTCCCTGCTGAAGAAGGCCGTCACCGAGT 472
  CGCGCCGGCCAGGGCTTCAAGGACCTGGTGAGCGGGT 3290039
                                                                                GCCCGCAACCCGCAGACCGGGAGCGCGTTCGGGTCAAGAAGACCTCCGTGCCGCGCTTC 3290076
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                                                                                                                                                              GACCGGGTTTCGGTCACCGGCTTCGGTTCCTTCGAGAAGGTGGACCGTCCGGCCCGCTAC 3290136
                                                                                                                      GGCCGCAACCCGCGCACTGGCGAGCAGATTGACATTCCGGCTTCCTACGGCGTTCGTATC
                                     TCCGCTGGCTCCCTGCTGAAGAAGGCCGTCACCGAGT 472
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Pred. No. 4.8e-08;
0; Mismatches 97;
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Pred. No. 2.4e-10;
0; Mismatches 97;
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RESULT 9
US-09-815-242-5974
; Sequence 5974, Application US/09815242
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US-09-815-242-9847
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; LOCATION: (1)...(273)
US-09-815-242-9847
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SEQ ID NO 9847
LENGTH: 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches 131; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/253,625 PRIOR FILING DATE: 2000-11-27
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PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
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CURRENT FILING DATE: 2001-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Identification of Essential Genes
TITLE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITRA.011A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Haselbeck, Robert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Salmonella typhi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/257,931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                     184
                                                                                                                             382
                                                                                                                                                                           124
                                                                                                                                                                                                                                                                                                                                                                                  202 AACAAGTCTGACCTCGTTTCGAAGATCGCCCAGAAGTCCAACCTGACCAAGGCTCAGGCC
244
                                                                                                                                                                                                                       322 CTGAAGCTCACCGGCCTGTTCTCCGCTGAGCGCGTCAAGCGCCCGGCTCGCACCGGCCGC
                                                                                                                                                                                                                                                                                                        262 GAGGCTGCTGTTAACGCCTTCCAGGATGTGTTCGTCGAGGCTATGAAGTCCGGCGAAGGC 321
                                                                                                                                                                                                                                                                                                                                                      4 AATAAATGTCCACTGATCGAAAAAATTGCTGCAGGGGCTGATATCTCTAAGGCTGCGGCT
                                                                                                                                                                         GTTGCACTGGTAGGCTTTGGTACTTTTGCTGTTAAAGAGCGTGCTGCCCGTACTGGTCGC
                                                                                                                                                                                                                                                                   GGACGTGCGTTAGATGCGATTATTGCTTCTGTTACCGAATCTCTGAAAGAAGGGGGATGAC
GGTAAAGCGCTGAAAGACGCGGTAAACTA 272
                                       GGCTCCCTGCTGAAGAAGGCCGTCACCGA 470
                                                                                     AACCCGCAAACAGGTAAAGAGATCACCATCGCCGCTGCCAAAGTGCCGAGTTTCCGTGCA
                                                                                                                             AACCCGCGCACTGGCGAGCAGATTGACATTCCGGCTTCCTACGGCGTTCGTATCTCCGCT
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Zyskind, Judith W.
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48.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 48.2; DB 9;
Pred. No. 6.5e-06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 273;
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RESULT 10
US-09-749-728B-12/c
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; LOCATION: (1)...(273)
US-09-815-242-5974
                                                                          Sequence 12, Application US/09749728B Patent No. US20020142457A1
                                                          GENERAL
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    APPLICANT:
                  APPLICANT:
                                    APPLICANT:
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CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Identification of Essential Genes
TITLE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITRA.011A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Escherichia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7.0%;
Local Similarity 47.2%;
les 127; Conservative
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FILING DATE: 2000-05-23
APPLICATION NUMBER: 60/207,727
FILING DATE: 2000-05-26
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FILING DATE: 2000-11-27
APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
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                                                        INFORMATION:
                                                                                                                                                                                                                                                                                              382 AACCCGCGCACTGGCGAGCAGTTGACATTCCGGGCTTCCTACGGCGTTCGTATCTCCGCT
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                                                                                                                                                                                                               GGCTCCCTGCTGAAGAAGGCCGTCACCGA 470
                                                                                                                                                                                                                                                                                                                                                                                 CTGAAGCTCACCGGCCTGTTCTCCGCTGAGCGCGTCAAGCGCCCGGCTCGCACCGGCCGC
                                  Umezawa, Akihiro
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                                                                                                                                                                                         GGTAAAGCACTGAAAGACGCGGTAAACTA 272
                                                                                                                                                                                                                                                                    AACCCGCAGACCGGTAAAGAGATCACCATCGCTGCTAAAGTACCGAGCTTCCGTGCA
Hata, Jun-Ichi
Fukuda, Keiichi
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Pred. No. 0.00099;
0; Mismatches 142;
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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1, 2, 3
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-9872
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US-10-198-846-9872/c
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CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: H11-372826
PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: PCT-JP00-01148
PRIOR APPLICATION NUMBER: PCT-JP00-07741
PRIOR FILING DATE: 2000-11-02
PRIOR FILING DATE: 2000-11-02
PRIOR FILING DATE: 2000-11-02
PRIOR FILING DATE: 2000-11-02
NUMBER OF SEQ ID NOS: 80
                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9872
LENGTH: 3411
TYPE: DNA
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/306,220 PRIOR FILING DATE: 2001-07-18
                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: MRI-049
                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, TITLE OF INVENTION: THERAPY OF BREAST CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lillie, James
APPLICANT: Xu, Yongyae
APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
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TITLE OF INVENTION: THE CELL HAVING THE POTENTIALITY OF DIFFERENTIATION INTO CARDI
FILE REFERENCE: 00766.000043
                                                                                                                                                                             ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
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NAME/KEY: CDS
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Sakurada, Kazuhiro
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  6.5%;
56.4%;
Score 39;
Pred. No.
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Pred. No. 0.021;
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                    Length 3411;
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US-09-815-242-7900
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; NAME/KEY: CDS
; LOCATION: (1)...(696)
US-09-815-242-7900
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                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 14110
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 7900
LENCTH: 696
TYPE: DNA
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                                                                                                                                                                                                                                                                                      Query Match
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CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Haselbeck, Robert APPLICANT: Ohlsen, Kari L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2000-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FITLE OF INVENTION:
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PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/242,578
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PPLICANT: Xu, H. Howard
TTLE OF INVENTION: Identification of Essential Genes in
                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 2000-11-27
APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/269,308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/253,625
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1040 ACGTCGGCCATGTAAGCCGGGTAGGGGCTGGAG-TAGGAGCCCGCGAAGCCGGCGCGCCC
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                                                                              140
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                                                                                                                                                              CAAGCTGCTGGCCGAGCTGTCCACCATCAAGTTCAAGGAGTCCGTGGACGTTGCCGTGA 139
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ACGGCACCGGCAAGAGCGTCCGCGTTGCCGTCTTCACCCAAGGTCCGGCTGCCGAAGCCG
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                                    CTCGCACCGGCCGCAACCCGCGCACTGGCGAGCAGATTGACATTCCGGCTTCCTACGGCG 427
                                                                              AGTCCGGCGAAGGCCTGAAGCTCACCGGCCTGTTCTCCGCTGAGCGCGTCAAGCGCCCGG
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Zyskind, Judith W.
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; SEQ ID NO 26
; LENGTH: 858
; TYPE: DNA
; ORGANISM: Mycobacterium vaccae
US-10-205-979-26
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Best Local Similarity 46.3%;
Matches 124; Conservative
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Publication No.
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                                                                                                                                                                APPLICANT: Watson, James D.
APPLICANT: Tan, Paul L. J.
APPLICANT: Tan, Paul L. J.
TITLE OF INVENTION: Methods and Compounds for the Treatment
TITLE OF INVENTION: of Immunologically-Mediated Diseases of
TITLE OF INVENTION: System using Mycobacterium Vaccae
FILE REFERENCE: 11000.1008c2
                                                                                CURRENT APPLICATION NUMBER: US/10/051,643
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US09/156,181
PRIOR FILING DATE: 1998-09-17
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                   PRIOR APPLICATION NUMBER: US 08/996,624
PRIOR FILING DATE: 1997-12-23
NUMBER OF SEQ ID NOS: 208
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  FastSEQ
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Abernethy, Nevin
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No. US20030147861A1
  for Windows Version 3.0
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Pred. No. 0.051;
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Length

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CURRENT FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: JP 2001-204089

PRIOR FILING DATE: 2001-05-30

PRIOR APPLICATION NUMBER: JP 2001-272697

PRIOR FILING DATE: 2001-08-02

NUMBER OF SEQ ID NOS: 15109

SEQ ID NO 6834

LENGTH: 1089

TYPE: DNA

ORGANISM: Streptomyces avermitilis

PEATURE:
NAME/KEY: CDS

LOCATION: (1)...(1089)

US-10-156-761-6834
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US-10-156-761-6834
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; LENGTH: 858
; TYPE: DNA
; ORGANISM: Mycobacterium vaccae
US-10-051-643-200
                                                                                                                                                                          Query Match 6.3%;
Best Local Similarity 48.2%;
Matches 106; Conservative
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Best Local Similarity 46.3%;
Matches 124; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES FILE REFERENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
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APPLICANT: IKEDA, HARUO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PPLICANT:
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576 CGGCTTCATCGCCGACCCGGCGATCCTGGAGCTCATCGAGGCCGACCCGCAAGCGGCCCG
                             312 CGGCGAAGGCCTGAAGCCTCGGCCTGTTCTCCGGCTGGAGCGCCGTCAAGCGCCCGGGTCG 371
                                                                                                               252 GGCTCAGGCCGAGGCTGCTGTTAACGCCTTCCAGGATGTGTTCGTCGAGGCTATGAAGTC 311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                427 GGCGCTCAGTTCAAGGCTGTTGTCTCTG 454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             442
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               367 AATCCGCGCACCGGCGAAACCGTGAAGGTCAAGCCCACCTCAGTCCCGGCATTCCGTCCC 426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        382 AACCCGCGCACTGGCGAGCAGATTGACATTCCGGCTTCCTACGGCGTTCGTATCTCCGCT 441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 307 GTCACCATCACGGGCTTCGGTGTTTTCGAGCAGCGTCGTCGCGCAGCACGCGTGGCACGC 366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              322 CTGAAGCTCACCGGCCTGTTCTCCGCCTGAGCGCGTCAAGCGGCCCGGCTCGACCGGCCGC 381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       247 ACTGCGGCGGTGGAGAACGTTGTCGACACCATCGTGCGCGCCGTGCACAAGGGTGAGAGC 306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     262 GAGGCTGCTGTTAACGCCTTCCAGGATGTGTTCGTCGAGGCTATGAAGTCCGGCGAAGGC 321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           187 AACAAAGCAGAGCTCATCGACGTACTCACTGAGAAGCTGGGCTCGGATCGTCGGCAAGCG 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      202 AACAAGTCTGACCTCGTTTCGAAGATCGCCCAGAAGTCCAAACCTGACCAAGGCTCAGGCC 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ISHIKAWA, JUN
HORIKAWA, HIROSHI
SHIBA, TADAYOSHI
SAKAKI, YOSHIYUKI
HATTORI, MASAHIRA
                                                                                   GCGCTGGACTCGCCGGTCAACGACTACGTCTCCGGGCTCGCCGAGATCATCAAGGC 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GGCTCCCTGCTGAAGAAGGCCGTCACCG 469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IKEDA, HARUO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 37.6; DB 13; Length 858; Pred. No. 0.051; 0; Mismatches 144; Indels 0;
                                                                                                                                                                              0
                                                                                                                                                                       Score 37.6; DB 14; Length 1089; Pred. No. 0.058; 0; Mismatches 114; Indels 0;
                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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Search completed: August 25, 2003, 22:04:19 Job time: 254.619 secs